



SEQUENCE LISTING

<110> Friedberg, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mammalian Cells and Animals

<130> LEX-0286-USA

<150> US 09/728,445

<151> 2000-11-30

<150> US 60/168,358

<151> 1999-12-01

<160> 891

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<212> DNA

<213> Mus musculus

<220>

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<223> n = A,T,C or G

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cattagtgtc	gaaaactgga	agccagccac	caagactgac	caagtaatcc	agtcctcat	300
agcactggtg	aatgaccccc	agcctgagca	cccactccgg	gctgacctag	ctgaagaata	360
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<211> 397

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<220>

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<222> (1)...(397)

<223> n = A,T,C or G

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gccgtccctg	cccgtgctgc	aagctgctac	tcctgctgct	gctgctgctg	cttggtgctg	180
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attgccagtc	gggnaaatcc	tggnnataaa	aatccanctt	gccccanaaa	acangacnac	300
cctnnaggaa	gtattctaata	gatttcaatn	cgccctttcc	ccctctnacc	tttctctctt	360
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<211> 285

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> n = A,T,C or G

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tctccaagac	actgtttacct	gcccttgaga	tattccggag	acagcatccc	gcagatcacc	180
tacaggctgg	cgacaggcac	caagaatgga	ttgggtgggg	atgggcctcc	cctctttata	240
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<212> DNA

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<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 4

caggagtaac	aagtgtggag	gtcnaaggan	aactcttgga	atctcttcta	tcctatcaca	60
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nccatcttan	tgtcaaaaa	aggtttctcc	tatgaagacc	gtgtntcctg	gctgtcctag	180
aatttgctgt	gcnnaccaac	ctggcctnna	actcataaac	ntttacctgc	ctctgcctct	240
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<220>

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<223> n = A,T,C or G

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tccggggang	aactctggtc	cnncceccca	tcnttcaatn	nnntgtcgt	ggngattggn	180
tungaacct	gntcagnata	aagctgaaaa	aaacccatt	gnctnnctt	tncaccanga	240
ccgggaagng	tntnatatcn	aggatccgaa	taaggctctt	caaggcttct	ttgaccgaga	300
aggagaanag	ttagaatatg	aatttgatga	gcnaggacac	atcacttggc	tctgcagggt	360
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<211> 173

<212> DNA

<213> Mus musculus

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<212> DNA

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<220>

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<223> n = A,T,C or G

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<210> 8

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<212> DNA

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<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 8

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caggatttat	acanaagcag	tcttccaaat	tctgaaacct	gatgcccac	acatactttg	180
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<210> 9

<211> 157

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(157)

<223> n = A,T,C or G

<400> 9

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cttagctgct	aactcctctc	tcagtcctatn	tgaataacga	ttctgaggtg	acgcttcct	120
gtcnnacccc	ttaacatgct	ctcatcgtag	cctctga			157

<210> 10

<211> 273

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 10

ggaatacaaa	gggccagggt	ccggctgcgt	ctcctggatc	ttgagctgac	atctagggttc	60
ctgggtggga	ccacaaatnc	aactatactg	gaggctgatg	canttctctt	aggactccaa	120
gagatcaggg	actcaaaatc	aagagaggag	caacccagca	agtaatggac	tgcgcttgct	180
gtatttgaac	ccatttttgag	cccagaaaac	tataaataaa	taaataattg	aataaattta	240
tnataaatga	aaagtaatcc	tgtaaaaaaa	aaa			273

<210> 11

<211> 370

<212> DNA

<213> Mus musculus

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<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

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actgaggtga	cctttgaaag	ttaacagggg	tgccatgggc	tgagtaagat	aaacggaact	60
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cacaaattaa	gaataatata	agcaagaaac	agcagagaga	cacaaaagga	catagaatcc	180
ctgacacctca	ctgtgatctg	gtaacactag	ttctagggct	ggagagagag	atgctcaggg	240
caagtgtctct	tacagagaac	atgagttcaa	ttcccagAAC	ccacatggta	cctcacaact	300
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<210> 12

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<212> DNA

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<222> (1)...(448)

<223> n = A,T,C or G

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naggaggagg	aggaggagga	ggaagaggag	gagttgcttc	tgcngcctgg	gctccagggc	180
gggctgcgca	ccaaggccct	antcgtggat	gantcctgcc	ggcgggtgacc	atcttccant	240
ttgggcgcat	acctccttcc	ttccttcctt	cccgtacctg	aagcttctgg	agtctggatg	300
attcanagcc	gacanacctg	gcnggggatcc	tgcttggcag	ggaaggggggt	tgancntntt	360
ctgacttget	tttcccatec	catttctggg	gcnnancnt	tatectaaat	ttaccacctaa	420
ctcatggtgt	ttcccgtggg	tgacctaa				448

<210> 13

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

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aatcgggtcc	ccaccccctg	acgtcatacc	tggtgtctca	nccnnngnat	ttgaactgtg	180
atcatctgag	ccaaaatann	ccaaagtata	naagtcaaca	aaggcaanat	gctgnanatn	240
aatggaaaa	ccantcattg	anaacatcat	cncctctntn	ctccgaggac	ncttcgggtgc	300
ggatctggga	tatcccnan	ggtgggctga	aacggaacnt	naccgaggga	ctcctggagc	360
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<211> 461

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> n = A,T,C or G

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gcctangaga	ggantgtctc	acacctggat	tggttatgca	ctacgcctca	tttgcattgat	180
cctcatctga	ttggctactc	tctctctgta	cctcacaaaag	cctcattntc	atacctcatt	240
tgcattgtctc	acacctgatt	ggttatantc	tccaaacccc	ctttatcctg	cccggggcnn	300
gcantgtctt	tgcaaaaaaac	tttactgcat	atgttcacat	tgggttgtttg	tccaaactta	360
tgcgtgggtg	ccancagtan	tcagtgccac	tctgcaacgg	cacntgtggc	ttcccacatc	420
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<211> 301

<212> DNA

<213> Mus musculus

<400> 15

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agaaggagtg	gaaaaagtga	ccaacgtccc	acgtctgccg	ccagcccttg	caaactgctt	180
ctgcagccca	ggagacaatc	atccccctccc	ctccccctccc	ctccctcctc	ctcctgagtc	240
ctgtctccac	tcccttctcc	aataaaaagca	gcctgctttg	ttctgcttgc	aaaaaaaaaa	300
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<211> 285

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 16

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aaaacactga	ctgctcttcc	ggangtcctg	tgttcaaate	ccagcaacca	cagggtaact	180
cacaaccatc	tgtaatgana	tctgatgcc	tcttcgggtg	tgtctnaaaa	cagctacagt	240
gtccttacat	ataataaata	aataaatctt	tttttttaaa	gaata		285

<210> 17

<211> 100

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 17

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<211> 269

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(269)
 <223> n = A,T,C or G

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 tntggcttat ttacagtann tttncncaac cggcaagctt gtgcantnnn agcaagaact 120
 cctcctgcct gcctccggaa taagctgttg aattcttggt tcttccagcg cgggtgtctgc 180
 ctgcacgctg ccatgcgtcc tgccatgatn ataatggact gaccctctga aactgtaagc 240
 cagccccaan taaattttgt ccttgataa 269

<210> 19
 <211> 312
 <212> DNA
 <213> Mus musculus

<400> 19
 aaggttgtcc tcggaggcca aaggcgtcag atacgacacc tggaagttga atttacagaa 60
 ttgccagctg cccaacatgg attcttggaa ccaaaccctt agaattcaac aaacaaacaa 120
 cccagggggc tggagagatg gctcagcact caagagcact gactgctgct cttccagagg 180
 tcttgagttc aattcccagc aaccacatgg tggttcacia ccatctgtaa tgagttccaa 240
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 caaaaaaaaa aa 312

<210> 20
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(177)
 <223> n = A,T,C or G

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 cagcaactct tacagtctta ggtgttacca anaacanac tcaactgtaa aagttgtcag 120
 tacaggtttc ctttnccttt ngtttttgtt attgtttttt tttttttttt ttttttt 177

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 <223> n = A,T,C or G

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 gagttggang tgggtggtgt cggtcccccac ctgattgang actatggctc ctgctccctg 180
 anctgcttga gttccagtc tgacttcctt tgggtgatgaa cagcagcatg gaantgtaag 240
 ccaaataaac ccttncctcc ccaaaaaaaaa aaa 273

<210> 22
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 <222> (1)...(204)

<223> n = A,T,C or G

<400> 22

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tcctcctcct	ccccctcctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgtagcagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgngna	180
cnccccacca	tggggggggt	ggga				204

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<211> 427

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(427)

<223> n = A,T,C or G

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gtatagaggt	attcccagca	agtcaaagat	gctgcattcc	ggcgtatact	caaagtcgga	120
gacgcccgtg	aatcgccat	tgacgtccag	acctgtggcc	agtttcggga	gcaccgtcat	180
tgcacgtcc	acattctggt	gggagaaaag	acaagatggc	tggtctagcc	ttccctccct	240
gccaccacc	atcccattgt	tcattgtctg	ctttcttaca	aaccgtttgt	ttcatccacc	300
tcttacctca	aacccccctt	tgtgagacag	agccctggct	gtattgaaac	tcactctgta	360
naccaagctt	gcccttgaac	tcacagacat	ctacctctct	ctgcttccca	agtgtctgta	420
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<211> 265

<212> DNA

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<223> n = A,T,C or G

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tgtancagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggnngatga	180
nnncatcanc	atacaggcta	cacaggacca	ncaacggaat	gaggagtagg	cccggatcat	240
ggntgagtnt	gagatcacag	agcag				265

<210> 25

<211> 335

<212> DNA

<213> Mus musculus

<400> 25

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aacatctcta	cacactaagc	cgaaaacaaa	tctataccaa	actgctaaaa	taaatggaaa	180
atacttaatt	tgagcctggc	tgttttgaaa	attggaaatc	cttcttcaaa	atgaaaatca	240
ccgcaaaaca	atctaaagtc	atctacaggc	caactagggt	gtttgttgct	tgccaaactt	300
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<210> 26

<211> 587

<212> DNA

<213> Mus musculus

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 <223> n = A,T,C or G

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 ccccatcgtc tccaccacca caagcaccac caccgccacc accatgctca tggagcccgc 180
 cgctaaggcc aatagatagc atctacctgg ctctgccctc catccagcan caacatgagt 240
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 ctggctctgc ttgggtttca tttgcatatg agcccttctc cctatgtgca acaganacca 360
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 taccttgtga ctgcaactcc tgggtgacctg gaaaataaca agggttctgg canaaacaaa 480
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 naantgtggt tagggcattc actgcttctt gggtttttaa aataaaa 587

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 <212> DNA
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<400> 27
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 ttcctcctcc tccccctcct ccccttctg cttcagattt atttattata tgtaagtaca 120
 ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcatgtgg gtggttgca 180

<210> 28
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 <213> Mus musculus

<220>
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 <223> n = A,T,C or G

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 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa 180
 ccaccacca tgtggtngct gggatntgaa ctcaggatct tcagaagagc ag 232

<210> 29
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 29
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 aaataccact caaatgatga tgacatagaa gtaccttct cctgctgctc tgatcccata 120
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gaccataaat tattctgnngg gaatctgggc ccnccccctt ncctttctnn ctggtgtcgc      180
nccgntgtga tntgaccctt gatcggacaa tctectccag ggntggccan ggatcnatcc      240
cttanagtaa ctcaagagtt ccncatgctg tgttatctgg actcccacta antgcagcac      300
tgtgccttcg gaacnacacc atcnagaatg tatecctttn tcnctccagc tngacnacta      360
ccaagatctc caccaccctt tcttccttct gggacatcgt gtnccaaccc antggtccat      420
atccaggccc tgctgtacta ntcccnnggc ccacnaggtc atntntntca acaaaatgtg      480
cccgttccaa aanctaccnn cgcnaatan cgcacncaca gatccanttg gtcctttaag      540
tacacnggga tccatgtctt ctggaccttg ggcaccanga atgggaaggc agcatcctaa      600
tgtgcatat ctatttccan aatcatctcc cactcctcct cttccantgt tagganacaa      660
cctgtttgca ttggttcnnn tgcncccggg ggccgggaac cncancgc atcctnatcc      720
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<223> n = A,T,C or G

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<400> 31
aatgcagaca taaagccttt acttggagaa cagatcatac tccaagggaa catcatcagc      60
atcaccacca gcagcaccat cagcagcaac ancagcagca gcagcaacag ccacccccac      120
caatacctgc aaatggccan caggccagca gccagaatna angcttgact attgacctga      180
agaatttttag gaaaccagga gagaagacct ttacacagcg ttnccgctct tttgtgggca      240
atcttcccc tnatntcact gaggaggaaa tgagganact atttgagaaa tatggaaaag      300
caggcgaant tttcattcat aaggataaag gctttggctt tattegcttg gaaacacgaa      360
ccctagcgga aattgccaaa gtgganctgg acaacatgcc cctccgtggg aagcaactgc      420
gaatgcgctt tgctgtcac agtgcacccc ttanagtccg caaccttctt cagtacgtgt      480
ccaacgaact gctggaanaa ccttttctgt gtteggccan gtggaaaagg ctgtaatcat      540
tgtggatgac cgaagaaggn ccccgggaaa agcattgttt attctcaagg aaaccagctg      600
ctccgaaanc tctgganana tcagtgaagg ntcttctntg ctgantacat ttcctcngcc      660
tgtgaatgtg gacctat                                     677

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<210> 32
<211> 305
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

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<400> 32
atagacacat agagaaggag acaagaagaa gaagagtcta agagtgtcnc gagttccagt      60
acctctagca gtgacagttc ggccagttag tcttcatcag agagtgcagc atccgcctca      120
tctctttcag aagacagtga ctcatatgaa agcctctcta gctcctctct ctcctcctct      180
tcttcggcct gtctgtcttc ctcttctctc tcttctctct cctcctctct ggactcggac      240
tccagctcgt ccagcagcag cagcagcagc agttctgaga gcagctctga tgatgagcca      300
cagaa                                     305

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<210> 33
<211> 226
<212> DNA
<213> Mus musculus

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<220>

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<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 33
tgtcctggca ctctccgact ccagcagcag tagcagctcc agcgactcan aagcagaggg      60
gaaggagtat gccgctggct gcaagaacat gaacgctcct cagacaaggc caagaaaccc      120
aaggtgaaga aggagaagat ggagaagaag gagaagaagg agaagaagga gaaggagaag      180
aagcccccca ttgacttatt aaacttgcag ccctttccgc tccccca                    226

<210> 34
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 34
aggtccaaca gaagatatgg cccagattaa aggtatcctc aagatctgga ttaaaggctt      60
gtgtcaatcc agatccaaag cctgtgacat cacacctcaa gattcagatc aaagcctatg      120
tcttccaggc tcaagatcca nancacaagt gtgcccacca tttctggatt gcagttcatt      180
ccagatatag tcaagttgac aactgagaag aaccatcaca gggtataaac acctatcatt      240
tgetctcatt ttccccatat gttctctgct catgtgagat cctgacttga agtggtttccc      300
ccaagcttgt ttccctgat ctctaaaaat acagccagaa agaagctctt tgttctctat      360
agccagcaaa aagccttttt gtttctatac cttacaacca gagatgcaat aattgtaaaa      420
agacctagcc aggcaattgc ctggctccct gtgccaagg                    459

<210> 35
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 35
ctgattacag attctgctat gttctgtgcc ctangaaacc gtgncantag aagtgagtag      60
atctgttttg tatagttacc cacaataagc ttggacctga accaaccacc cagcagcact      120
gcctgcctct gtgtataagc tnttatggng nnngccttta tanagatgtc cctgggatgg      180
ccccaacata agagagacat ctgcactaan aacaacaaca acaacaacaa caac          234

<210> 36
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 36
tgctgggcac catgtgtggt ctagggcaca gaanagnacg aagaagacat canggtcccc      60
tggageggat gttatcagct gccctgcaag tgctgggaac tcaacctaaag ccttctccaa      120
aaaccaggag tactgtgaag cacctggccg tctctccagt caccaacaac aacgctgctt      180
gttagcaaat attttgatag cagcaacaag aaattgccta atataaggtc tcacca          237

<210> 37

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<211> 170
<212> DNA
<213> Mus musculus

<400> 37
caagactgcc ctttggtatt caaacgggag ccgctttgga ctgactggct gccttcctcc      60
tcctccccct cctccccctt ctgcttcaga tttattttatt atatgtaagt acactgtagc      120
agtgttagga cacactagac gagggcacca gatctcattg tgggtggttg      170

<210> 38
<211> 158
<212> DNA
<213> Mus musculus

<400> 38
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc      60
ggtcttagct gctaactcct ctctcagtc atttgaatac gattctgagg tgacgcttcc      120
ctgtcaccac ccttaacatg ctctcatcgt accctctg      158

<210> 39
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 39
agtctcgaaa ggtaagtctg gncaccatgt gtgtagnngg cacggaaccn tnagaataan      60
acatnatgnn gcctggagcg gatgttatca gctgccctgc aagtgctggg aactcaacct      120
aagccttctc caaaaaccag gagtactgtg aagcacctgg ccgtctctcc agtcaccaac      180
aacaacgctg cttgttagca aatattttga tagcagcaac aagaaattgc ctaatataag      240
glctcaccca taaaaaaaaa a      261

<210> 40
<211> 259
<212> DNA
<213> Mus musculus

<400> 40
aagttggaaa ttgcaatact cctaaaccaa atttctttga ttttgaagga aagcaaaaat      60
gagaggcatg gaaagccctc ggtgactcaa gccctagcca agcaatgcag gaatatatcg      120
cggcagttaa aaaactagat ccaggatgga atcctcaggt tcctgccctc cttgagttcc      180
tgtcctgact tcctttgatg ctgaactgtg atgaggaagc ataagccgaa taaacccttt      240
gctctccgaa aaaaaaaaaa      259

<210> 41
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 41
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct cccctcctc ccccttctgc ttcagattta ttnattatat gtaagtacac      120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgt      177

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<210> 42
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 42
 aggggtctctt ctctctactc agcaccagct gatctggaag ccactctata gagcagactg 60
 actttgaaat cacagagcca catcagtctc tgccctcccca gtgctgaaat taaaggcgca 120
 caccacccgc tctgggtgaca tttttcttta aaaaatgaac aaaaaagggg tgcgtttgcc 180
 agtttttaaa aaagaattgc cttttcgata tttgttttga ataataaaat cttacatttt 240
 gagtgaaaaa aaaaaa 256

<210> 43
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 43
 ggaggaattt tctcagcaaa catcatttaa aaggaaatta atggcgaaaa tggggcattg 60
 ggaaaccatg ggggaggggg gagactgana naatganaat gaataatggc aaaataaata 120
 aataaataaa taactaaa 138

<210> 44
 <211> 305
 <212> DNA
 <213> Mus musculus

<400> 44
 gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca 60
 gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttgggtgtttg 120
 ctattgaact gggctgctta taccctgaca cggaagagtg gaatcgccca aagcaagtac 180
 ttctaatacag gtccacaact ccctttgcct ttaaccttgc tttttcccta cctctgggtg 240
 gtgggctaaa agggaggggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa 300
 aaaaa 305

<210> 45
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 45
 gggaacattg tggcaggaag acggaagtag tgctggagag gagactggag agaaacactg 60
 ggctgtccc tgtgatgcac ttctgccagc aaggccacgc ctcccagtc ctgaagtgtc 120
 actccctgaa gatgaagcat tcaaatatga gtcgatgaga gccattcttg ttcacgtcgc 180
 catagttatg gaggttggac ccagcactca agactgttat aaagaatttt tgcttttg 238

<210> 46
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 46
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60

tcctcctcct	ccccctcctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgtagcagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgngaa	180
ccacccacca	tgtgggttgc	gggattngaa	ctcangatct	nnataagagn	agccagggct	240
ntaaaccgnt	gagccatctc	tccagcctnc	tgcattcctt	cttaangcat	gaatganccc	300
nacctangaa	gacatgctgc	cntacctcct	tttcnagcca	ttttcccttt	caccatatac	360
tca						363

<210> 47
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 47						
gggttccaag	actgcccttt	gggattcaaa	cgggagccgc	tttggactga	ctggctgcct	60
tcctcctcct	ccccctnctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgnagcagtt	gnaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgancn	180
cnanngaanc	agnggnnggt	ggnggacaa	ngnanggnng	ttagaacaga	agacnggtgn	240
atanaccnag	ntactattac	gtccatgaga	ct			272

<210> 48
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 48						
gggtccagaa	aaggagatgg	atgccataca	ggccaaggaa	gaagtgaaaa	aggcccgtga	60
agaagatgag	gaggatctgc	tgatggggaa	gtttcacagg	cacaaccatt	tcagcagatt	120
ccacaggcag	ggcgaactat	agtcatectc	actctgcatg	ctgagtggcc	cagctgcaac	180
tctaataata	cacatttgaa	tgatcacata	ngnanggana	ntngnccagn	ttctgaaaaa	240
caatccccctg	tttgtgttag	ggccccccgt	ttcttctata	gacccttatg	accccagggt	300
ctgcaataag	aagtttctgt	tgactgcatg	tggtggcaca	ctcctttaat	ctcaggactt	360
gagaggcaga	ggcagacnta	tctgggattt	ccacatcagc	c		401

<210> 49
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 49						
gagagagaga	gagagagaga	gagagagaga	gagagagatg	agatanagg	tgagggcctc	60
gnaggagcag	ctgtgtgcac	ctgactggnc	cagnaggaac	acagtgtnc	gagaagctcc	120
tgccccctctg	tccccctctg	gtgccaaata	atgggagatg	tgcactgtct	gatcacatat	180
tcccgtctnc	tgccctntgc	ccagttaagg	ttaaggntga	tgaataancc	cttggattat	240
tctgagganc	tgaccanncc	acagaagaaa	gcannccctg	tancctccct	ggtcatttcc	300
caagaatctt	cctgccctgt	tgagacttgc	cccaagtcta	gggcagtctt	caagcaagca	360
cctcttgctt	gg					372

<210> 50

<211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 50
 tgaggcctat atgtatgagc catgctggga accaggcctg gatcgtctgc aagagcagcc 60
 atcgggtctta gctgctaact cctntctcag tccatttgaa tacgattctg aggtgacgct 120
 tccctgtcac cacccttaac atgctctcat cgtaccctct g 161

<210> 51
 <211> 335
 <212> DNA
 <213> Mus musculus

<400> 51
 ggtgatttct ctgtgccaaa gcctccagag gacaatataa aagacgtgtg tacaacgtca 60
 cccaggaaaa caaagaagaa gaatatagct tgccagtggg gagttagtct tgccttttct 120
 tttttccttt gaatcagagt ctactggat agctctggct actctgggac tctctatgta 180
 gaccaggctg gcctgagtgc tgggactaaa ggggtgtgtgc cactaccccc agctaaattg 240
 gtgtgttctg gagagattct tttttatgtt tggcccattt taattctttc aggcattctta 300
 ctactgctgt tttaaagttt ttttctttta aacca 335

<210> 52
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 52
 ctttcaggga cccgctggga agacgaagag agaccagatc atactccaga tcattaagga 60
 ttttaaacc ccatgttcct cgtgcggcgc tcaccaccac ccccgggctc tggccatggc 120
 cacactgagg gtccatccc aagcccaagc caagggtgat gtgttccgtg aagacctgtg 180
 tagcaagaca gagaacctgc ttgggagcta ttttcccaag aaaatctcag agttggatgc 240
 gtctttaaag gagccagctc tcaatgaagc caacctgagc aatctgaagg ctccattgga 300
 catcccagta cccgatccag tcaaagagaa agagaaggag gagcgggaaga agcaacagga 360
 gaaggaagag aaggaagaga agaagaaagg ggacgaagac naciaaaggc cccctgtggg 420
 ccanttgaa tgcatgagaa aaatgnnggc ctntctgcaac ggctaaaacc tgg 473

<210> 53
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 53
 agggggcaag gccatgtggg acaccccana cactgtctct ttanagcgcc gggcggggcca 60
 ttaggcaggc gctgctcaca agccgaggcg tgtctctggc agctcctccg actccagcag 120
 cagtagcagc tccagcgact cagaggcaga ggggaaggag tatgccgctg gctgcaagaa 180
 gcatgaacgc tctcagaca aggccaagaa acccaagggt aagaaggaga agatggagaa 240
 gaaggagaag aaggagaaga aggagaagga gaagaaggcc cccattgac ttattaaact 300

tgcagccctt tccgctcccc aaa

323

<210> 54
<211> 352
<212> DNA
<213> Mus musculus

<400> 54
ggaccctgtg tgcctgtgcaa tcaagaccca aactagaaga agggctctgtt ttactgctct 60
tggaaggcca cgtctaaaat taaaccacgt tcaggggaaa ctgtgcaccc aaatatttct 120
cagtcgcacc ccagcctcac aaacctattc tagggctgga aaagctggct cagccgttat 180
aagccctggc tgcactacca gaggacccag cctcaatttc cagcaccac atggcagctc 240
ataactgtgt agatccagtt ctagaggatc caacaccctc acacatacat gcaagcaaaa 300
caccaatgca cagaaaatga aaagaaataa atcggttaaga acaaaaacaa aa 352

<210> 55
<211> 305
<212> DNA
<213> Mus musculus

<400> 55
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca 60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttgggtgtttg 120
ctattgaact gggctgctta tatectgaca cggaagagtg gaatcgccca aagcaagtac 180
ttctaatacag gtccacaact ccttttgctt ttaaccttgc tttttcccta cctctgggtg 240
gtgggctaaa agggaggggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa 300
aaaaa 305

<210> 56
<211> 158
<212> DNA
<213> Mus musculus

<400> 56
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc 60
ggtcttagct gctaactcct ctctcagtc atttgaatac gattctgagg tgacgcttcc 120
ctgtcaccac ccttaacatg ctctcatcgt accctctg 158

<210> 57
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 57
tactgagcct caccggtttct tntggctgga actgcagttc atgcntggng attgccgagt 60
ggattgnagt gcactctgctg atgatttgag tctgtgctgt gctaacggac ttcactacaa 120
cncctgattg gaatcacccc caaagaactg nttgtataac gaggtccaca actctgtttc 180
ctatctttcc ccatgacctt tgctgggtgg tgggctaaaa gggaggttga agcgtttaag 240
aacccttatt aaagtagggt tggaaaaaaa aaaa 274

<210> 58
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)

<223> n = A,T,C or G

<400> 58

gtgcaaaaag	aagaagaaga	agaagaagaa	naagangaag	angaagaagg	anaaggacan	60
ngacaaggag	aacggagaa	gagcaaggaa	aaggagaaacg	gtacagnatn	ngnggagaga	120
atattnctaa	aatatttntg	naatatttga	tatgtaatca	ttacattnag	tcaaaaaatt	180
canatttcta	gaaaatataa	agtttttttt	tgtegattec	t		221

<210> 59

<211> 253

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(253)

<223> n = A,T,C or G

<400> 59

actccaggag	aagaaggaag	tngtggagga	ggcagagaat	ggaagagatg	cacctgccaa	60
tgggaacgct	caaaatgagg	aaaatgggga	gcaggaggct	gacaatgagg	tagatgaaga	120
agaggaagaa	ggtggggagg	aagaggagga	ggaggaagaa	ggtgacggtg	aggaggagga	180
tggagatgaa	natgangang	ctgangctcc	tacgggcaat	cgggtngctn	aggatgatga	240
tgatgaccat	gtg					253

<210> 60

<211> 226

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(226)

<223> n = A,T,C or G

<400> 60

aggggttccaa	gactgccctt	tgggattcaa	acgggagccg	ctttggactg	actggctgcc	60
ttctctctcc	tccccctcct	cccccttctg	cttcagattt	atattattata	tgtaagtaca	120
ctgtagcagt	tgtaggacac	actagacgag	ggcaccagat	ctcattgtgg	gtgggttgcaa	180
acgnnnngaca	cactngacga	gggcaccaga	tctcattgtg	ggtgga		226

<210> 61

<211> 323

<212> DNA

<213> Mus musculus

<400> 61

gcaccccttc	gtcagcagag	tcaccagcaa	taaggctctt	cgggagctgg	tggccgaggc	60
aaaggcggag	gtaatggagg	agattgagga	tggcagggag	gacggagaag	aggaggatgc	120
tgtggatgct	gttccgggct	ggagagatgg	ctcaacgggt	aagagcactg	actgctcttc	180
tcaaagggtcc	cgagttcaaa	tcccagcaac	cacatgggtg	ctcacaacca	tctgcaatga	240
gatctgacgc	cctcttcttg	tgtgtctgaa	gacagctaca	gtgtacttat	atataataat	300
aaataaatct	ttaaaaaaaa	aaa				323

<210> 62

<211> 201

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(201)

<223> n = A,T,C or G

<400> 62
cacattcacg accacaccta aacctacaga atcagaaaacg ccactagtgg ggtcgggtcct 60
gaaacctggg taacaagctc ccaaggtgaa tctgatggcc gctttcccta agcagtagag 120
accttttttc gtgtatgggtg ctgaaaattt aancgtcttc tgtcccaaaa tcagtgaaaa 180
atcnggattt aaaaaaaaaa a 201

<210> 63
<211> 372
<212> DNA
<213> Mus musculus

<400> 63
gagactgacc cgctcctcaa gatttattat atgtacgtac actgtcgctg tcttcagaca 60
ccccagaaga gggcatcaga tctcattaag gatggttgtg agccaccatg tggttgctgg 120
gatttgaact caggacctct ggaacagcag tcagtgtctt taaccgctga gccatttctc 180
caacccttaa gagtgtattt tatttccttt tgatttcctg caagtatcat ggtttcagtt 240
ttctttctgg ctgtaagact ccattgtatg tccgaaccac attttatctg ttttacgggc 300
cagttggctg cttctgttct tttgcctatt gcaatcgcta cagcaataaa catggatgtg 360
taaaaaaaaa aa 372

<210> 64
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 64
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacanga ctgggaccct 60
cacatgccga taagcagtea agaataattt ctgggagctg gagagatggg ctcagcagtt 120
aagaacactg actgctcttc cggaggctct gtgttcaa atcccagcaacc acagggtaac 180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag 240
tgtccttaca tataataaat aaataaatct ttttttttaa agaa 284

<210> 65
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 65
gtttgaattt gagtgcctg ctcgaggtgc cgacatctta ncctacccac ctgtgggttgc 60
nggcggnaat cgctccaaca ctttgcacta tgtgaagaat aatcaactca tcaaggtaat 120
caccagaatt cccaccctg cgttctgctc ctggagaggg ctggtcccca gtagagagct 180
ccacacctct cccttagcaa atggagtgcc acacgccttc aatcccagca ctcgggattt 240
ctaagtctga ggccagcctg gtctacagag tgagttccag gacagccagg gctatacaga 300
gaaacctgt ctcaaaaaaa aaaa 324

<210> 66
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)

<223> n = A,T,C or G

<400> 66

ggaggacacc	cacagtttcc	gctttttgccg	gcacgcagag	gctgcagctc	tgttttcgctc	60
taaaaaccgc	tgccgccgct	catctggatc	ttcatccact	gtacgccgctc	gccgtccccc	120
agtgcctagg	gtgggctgag	ctggagagac	ctgttgccca	gtaaagaaga	atacttgtga	180
tggtttgtat	atgctcttcc	ctgggagagg	cactttttaga	aggtgtggcc	ctgttgagg	240
aggtgtgtca	ctgtgggtgt	gggctttaag	accctcatct	agctgcctgg	aagccagtct	300
cccactagca	gccttcagat	gaagatgtac	aactctcagc	tcctnctgca	ctaannectg	360
ccaagatgct	gccttgctcc	caccttgatg	acaatggact	gaacctctga	acctgtaagc	420
ggcccaatta	a					431

<210> 67

<211> 427

<212> DNA

<213> Mus musculus

<400> 67

gtcgtgtcac	tgctgttgct	atcctgactg	gactgaactg	gactgctggg	gtatctgtga	60
ggtgtttgcg	aatggattga	gctgccactg	cctgctgacc	tgtgaactca	actgctgatt	120
tccagacaac	acagacagga	gttggttgcaa	agagccttta	tagacaggcc	cgcgccccct	180
tccccgctcc	tgtatcattt	cttttccatt	acctctgggt	ggtgggtggg	tacaagagag	240
gttaaagcat	ttaggaacca	tcattaaaaa	cagggtttga	catggaggcg	catgccttta	300
atcccagcac	tcaggaggca	gaggcaggcg	gatttctgag	ttctgagttt	gaggccagcc	360
tggtctacaa	agtgaagctc	aggacagcca	gagctataaa	gagaaaccct	gtcttgaaaa	420
aaaaaaaa						427

<210> 68

<211> 303

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 68

gcacatgagt	gttctgcctg	catggatgac	tgtacatgca	tggtcatgac	agtgatgaag	60
gagaccagaa	gaggtccttg	ggaatagagt	tacaaacaat	tttgaaccac	catgtgggtg	120
ctgagaattg	aacctatgtc	ctgtggaaga	tcagccagtg	ctcttaacca	ctgagaaatc	180
tctccatcac	ctattcttgt	ggtttggttt	ttctttttct	ttctttcttt	cttttttttt	240
tttctnanann	gggttttttt	gggtanccct	ggctgnccct	gaactaactt	tgtaaaccag	300
gtt						303

<210> 69

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 69

gaaggagaag	aaggaagttg	tgaggaggag	nnagaatgga	agagatgcnc	ctgccaatgg	60
gaacgctcaa	aatgaggaaa	atggggagca	ggaggctgac	aatgaggtat	atgaagaana	120
ggaagaaggt	ggggagggaag	aggaggagga	ggaataatgt	gactgtnaag	atgatgatnt	180
annacnataa	ttntaccat	ttcgtattgc	taat			214

<210> 70

<211> 547

<212> DNA

<213> Mus musculus

<400> 70

agaagagaag	cagacacaag	atgaaaccct	gccaaaaaat	ggaaggaaac	ctagaaaagg	60
aggatgagcc	aaagcctgag	gaagagccaa	agccggagga	aaagcccag	gaggggcagg	120
aacccgagga	ggaggagaaa	tccgaagaaa	cttttcggga	gaggctgac	cggctctctgc	180
aggattttca	ggaggatata	cacaacaggc	acctgagcag	tgatgatctg	tttagagatg	240
tygaggagct	agatgagatc	aggaaagtga	gaaacaaact	tatagtgcg	cggttggaagg	300
ctaaccgaag	ccatccttac	ccctatttaa	tgtagcttgg	cttgctttcc	cttttatctg	360
atgttaccat	tgcgatctag	ctttcttttc	attagcattt	tcctgataag	acctttgccc	420
atcttccctac	tttgaatctg	ttgctgttag	tggctttagc	tgtatctctt	gttgtctgta	480
tcttactggt	gattatattt	gaaccaatct	ataagtctct	ggctttaagc	tttactgatt	540
tgtaaaa						547

<210> 71

<211> 258

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 71

ctactgaacc	cgagagaatg	cngccgggaa	tcangggccc	cttgcccttc	attcatnact	60
agcgttgcac	cnttnaaagt	tgagccttga	tcagaaaaaa	aagaccctna	aaaaaactgn	120
ctgcccttg	aaaacttacc	tacctaaagt	acagggataa	tagcttcttt	gccactgtg	180
actctcagcc	cttaagactg	tttggctctg	cactaatttt	tttttattag	tctgtaataa	240
aatacctaca	ttttatta					258

<210> 72

<211> 174

<212> DNA

<213> Mus musculus

<400> 72

agggttccaa	gactgccctt	tgggattcaa	acgggagccg	ctttggactg	actggctgcc	60
ttctctctcc	tccccctcct	cccccttctg	cttcagattt	atttattata	tgtaagtaca	120
ctgtagcagt	tgtaggacac	actagacgag	ggcaccagat	ctcattgtgg	gtgg	174

<210> 73

<211> 364

<212> DNA

<213> Mus musculus

<400> 73

aagaagcctg	ctcattctga	atttgaacat	cggttctgca	ttactcctga	aagatgtcct	60
gcagtcagt	tccgagcaca	ttcctgccac	agcagcctta	aatgaagttg	gggtttacaa	120
actggctcag	caagacgttg	agattctgct	taatttgagg	acaaattggc	ctaactctgg	180
aaaataatgc	atcttcgaga	aaagtgttta	acaaagacaa	gagttgcctt	taatcctagc	240
acttgggagg	cagaggcaga	tggatttctg	agatcgaggc	cagcctggtc	tacaaagtga	300
gttccaggac	agccagggcc	acacagagaa	acctgtctt	ggaaaacaaa	cacaaacaaa	360
aaaa						364

<210> 74

<211> 274

<212> DNA

<213> Mus musculus

<400> 74

aggtatttgg	cccagcgaca	tcagagacaa	gaagagacac	agatgagaga	caagcacatg	60
------------	------------	------------	------------	------------	------------	----

aaagatgctt	accatccttc	gccatggcaa	aaagtgaat	taaaaagtcg	aggggacatt	120
actgtgcac	tgatggagac	atgaggaccc	gtagggcttg	ctggccagcc	agtctagccc	180
agtcagtaag	ctccagggtc	cattgtgcct	gtggctctca	agagctctgc	acacccacag	240
acataaaaaat	aaagttcagg	tgaaataaaa	aaaa			274

<210> 75
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 75						
ggtctagatg	tatgtgccat	gctgggaacc	aggcctggat	cgtctgcaag	agcagccatc	60
ggtcttagct	gctaactcct	ctctcagtc	atttgaatac	gattctgagg	tgacngcttc	120
cctgtcacca	cccttaacat	gctctcatcg	tacctctg			159

<210> 76
 <211> 282
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

<400> 76						
atagcagacc	tggaagttga	atntacagaa	ttgccagctg	cccaacatgg	atncttgga	60
ccaaaccttt	agaattcaac	aaacaaacaa	cccagggggc	tgagagagatg	gctcagcact	120
caagagcact	gactgctgct	cttccagagg	tcctgagttc	aattcccagc	aaccacatgg	180
tggttcacaa	ccatctgtaa	tgagttccaa	tgccctcttc	tggtgtgtct	gaagacagcg	240
acataaaatg	aataaatctt	tttaaaaacc	caaaaaaaaa	aa		282

<210> 77
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 77						
catatgccca	catcangcat	tcctcggnct	cacctgcgct	ctgacctggg	gcagcagtta	60
gaggaggntc	cttcttnatc	ttctctctct	gagactnagc	ctctgcctgc	aggaacatgt	120
atcccagagc	cagtgggcct	nttacaaact	actgaagccc	ctgggcccac	aggtatcaag	180
ggcatcaagg	gtactgctcc	tgagcacggc	cagcagacct	ggcagtcacc	ctgcaatccc	240
tatagcagtg	ggcaacgtcc	atcgggactg	acttatgctg	gcctgccacc	tgtagggcgt	300
ggtgatgaca	ttgcccacca	ctgctgctgc	tgcccttgct	gctcctgctg	ccactgtcct	360
cgcttctgcc	gttgteacag	ctgttggtgt	atctcctagc	tgactattga	acctccaggg	420
ctgtgcagcc	caggttcctg	ctcaatgccn	aagtgttgct	ggacatcang	agcanccgtt	480
gcatgagcat	caccatttct	gcctgacagg	ggacctgtca	cca		523

<210> 78
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 78
 ggagaacccc cccaaccccc agcctgnaac aggctgatcc agaccttgac cttgctgcca 60
 ctaaggagat tacctagggg ggagccttcc tgcctagatg actctattgt tcagccactg 120
 ctgctcttct ncttcaagac actgctacct gctgagagga ccctgagcta ttctagagac 180
 ttcacacctat cctgcagggt atcacctgca gctgggtcca ggctccaaga atggattaac 240
 gggaatgggc cgccttctc cccccaccc cctttataag cacagttttc tattaacat 300
 tcyagctttg atcaggaaaa aaaaaa 326

<210> 79
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 79
 ttgaagcggt ccaagactgc cctttgggat tcaaacggga gccgctttgg actgactggc 60
 tgccttctc ctcctcccc tctctccct tctgcttcag atttatattat tatatgtaag 120
 tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtgggt 180
 gtgaaccacc caccatgtgg ttgctgggat ttgaactcag gatctacana agagcagtna 240
 gggctntaaa ccgntgagcc atntctccag cctcctgcat tcttctttaa ggcntgaant 300
 gatcccannc ataggaagac tgacttgccc ttcctt 336

<210> 80
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 80
 ggtgctgtct gctccgatct cccttatgct tccctggtttg agtccttctg ccagtttgct 60
 cagtatcggt gctccaacca tgtctactat gccaaagagn nactntgctc ncagncnnnc 120
 nccatnctat nccnaaacac tntnaaggan gtggaggcct ctncagaant ggctgacact 180
 tccatgacca nctggcattg nganccatgc cacagagtga gacctncan antgtgnacc 240
 nnagntccca gccctanctt ggcagcttgc aagtctgtaa ctccagtcct gggagatcca 300
 acgccccctt ctggcctcca caagcactgc atgaatccag gcaaaacacc tatacacata 360
 aaataaaaaa 370

<210> 81
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 81
 taacagcctc ctctatgata atggcccggc tgcattgctga gccacggaga aggagaagaa 60
 gaagataaag gaggatgaga aggggtgggg cggtgcccga cctctgaaga ggagaggaga 120
 caggcgacca tgggagcaag tcttcagcac cacatgatgg ggactctgga gttgccgctc 180
 aggctgtctg gggctctggc tgactggcca ccgtctttct catcaataaa aacatcgttg 240
 tgcattctta aaaaaaaaaa 260

<210> 82

<211> 158
 <212> DNA
 <213> Mus musculus

<400> 82
 ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc 60
 ggtcttagct gctaactcct ctctcagtc atttgaatac gattctgagg tgacgcttcc 120
 ctgtcaccac ccttaacatg ctctcagtc accctctg 158

<210> 83
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 83
 agactctgtc atcggcaagt ggagactgta acangactgg gaccctcaca tgccgataag 60
 cagtcaagaa tattttcttg gagctggaga gatgggctca gcagttaaga aactgactg 120
 ctcttcgga ggtcctgtgt tcaaattcca gcaaccacag ggtaactcac aacctctgt 180
 aatgagatct gatgcctct tgggtgtgt ctgaagacag ctacagtgtc cttacatata 240
 ataaataaat aaatcttttt ttttaaagaa 270

<210> 84
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 84
 gttgctcaga gaagcacagt cttcaagacc ccatacccga ggaggaggag gaggaggagg 60
 aggagcccat cggagtggct gtggaggang agcgtttnc ccagnaggga gccc aanag 120
 catccnataa aagctgtgcc attatgtgaa cttgtcaaga catggctgat cttcctcaag 180
 ctagaancat ggagtctgt atacagtgc gagccttctc agaagcacat gatatttttg 240
 tatttccttt atgtgaattt ttaagctgc aatctgatgg ccttaatttc ctttttgaca 300
 ctgaaagttt tgnaaagaa atcctatcca tacattat 338

<210> 85
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 85
 agcctctctt aacattttcc ntggcaaate tntcagtgcc tggetntatg tggctctccn 60
 tccccagcc tgaaacctgc ttgetnagg gtggagcttc ccgctcanc gttctgccac 120
 gccactgnt gnaacctgcc gntttgctgt ttgnagctac acacgtggtc accgtgctac 180
 tgnattccga nattatttgg cggnaattgg gccntcccc ntctctnat aacggagtgc 240
 caaaatagta aaaattgaac cttga 265

<210> 86
 <211> 240

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 86
gcccgaaaaa caaaaccaga ggaaggggtg agagaaaaan ntgcaaattg ggaactgaaa 60
aattattgaa gggctggtga ggtgactcag tggaaaaagg agcttgctgt caagtctgaa 120
gaccagagtt caattcccag gacccacctg gtggaagttg ncttcaaact gcccctatgaa 180
tattcaaaca caagcatgta tattcatata aaataataaa atataattta aaaaaaaaaa 240

<210> 87
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 87
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tctctctcct cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcttgtgggt ggttgngaac 180
caccacacnt gtgggtgctg ggatttgaac tcaggatctt 220

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<400> 88
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tctctctcct cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa 180
ccaccacaca tgtggaag 198

<210> 89
<211> 320
<212> DNA
<213> Mus musculus

<400> 89
agttgaaggc ctccagttta gagattacct caaatctgaa ataaggcttt ggacttgtga 60
acagtattgg aattgttgaa gaatatgggg acttttgaag ttgtcctgga catatgtttg 120
cattataaga tgacaatgaa ggctgccagg aaaactcaga aagtattgta ttaccttttg 180
acttgagttc aatccccaaa gccaaagtgt ggaaggagag agctgattcc tgcaacttct 240
tctgacttct atagcactca catatatcgg gcacatgcac gagtatgcac acacacacac 300
acacacacac acagatcgaa 320

<210> 90
<211> 173
<212> DNA
<213> Mus musculus

<400> 90
tccaagactg ccttttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct 60
cctcctcccc ctcctcccc ttctgcttca gatttattta ttatatgtaa gtacactgta 120
gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt tgt 173

<210> 91
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 91	
acaggctaca cacagccggt ggctacatgt ggnaacatct ncagnggntg ttgaagagtc	60
cgtgggtggca tctnntgcng caatgnggaa tgcctgggct gtcctctgnc atggctggcc	120
cntggcctgt tgaccacaga ananancagg gtcanagggc tcaagencac agncccccttg	180
gggagatcgc acatagcagg gttctcaacc tgtgggttac aacccctttg aggggtcaaac	240
gacccctttca caagagttac gtattagcta tcctggatgt cagatattta cattacaatg	300
tataacagca gcaaaattac agttatgaag tagca	335

<210> 92
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 92	
caaagccacc caccctntga cttctatttta ctttacaatg atgttagccc ccncnnntc	60
caaaantnat gacanngggg gggttngnct ctggncaaac atgacctcca gagtttggcc	120
cttgcataaa ggagaaaatt aattccttca gttgttctct gacctccaca tgcgtcctgt	180
aacatgggtg tatgcataca cataaacaca catncacacg ttgttaaata aataa	235

<210> 93
 <211> 173
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 93	
gggttccaag actgcccttt gggattcaaa cgggagccgn tttggactga ctggctgcct	60
tcctcctcct cccctcctn ccccttctgc ttcagatnna ttnattatat gnaagtacac	120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg	173

<210> 94
 <211> 205
 <212> DNA
 <213> Mus musculus

<400> 94	
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct	60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac	120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgggtgtgaa	180
ccacgcacca tgtgggttgct gagat	205

<210> 95
 <211> 315
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 95

cactgttttg	taactatntt	gtaaggncac	agtcaccag	tanccttagg	gnacagggtg	60
attttatnca	cancagcagn	aatgnaaac	caaaacaact	ccacaataaa	attcttgngt	120
ttcttggggc	caagaagtat	gnacacgnat	aagnataaag	nacactggcc	aagncatgta	180
cctccagnag	tttgccctt	gcataaagga	gaaaattaat	tccttcagtt	gttctctgac	240
cctccacatgc	gtcctgtaac	atgggtgtat	gcatacacat	aaacacacat	ccacacgttg	300
ttaaataaat	aaaaa					315

<210> 96

<211> 340

<212> DNA

<213> Mus musculus

<400> 96

ggcactccag	ttaagagatt	acctcaaate	tgaaataagg	ctttggactt	gtgaacacgt	60
attggaattg	ttgaagaata	tggggacttt	tgaagttgtc	ctggacatat	gtttgcatta	120
taagatgaca	atgaaggctg	ccaggaaaac	tcagaaagta	ttgtattacc	ttttgacttg	180
agttcaatcc	ccaaagccaa	agtgtggaag	gagagagctg	attcctgcaa	cttcttctga	240
cctctatagc	actcacatat	atcgggcaca	tgcattgagta	tgcacacaca	cacacacaca	300
cacacacaga	tcgaaaatag	ttgtaataaa	aaaaattaaa			340

<210> 97

<211> 507

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 97

gatctggtgg	cttgggtgac	agccagtttc	ctgcacatcc	cccatgctga	ggacatcccc	60
aacacagtga	ctgtgggaaa	cagagtgggc	ttcttgctcc	gaccctacaa	tttcttcaat	120
gaagatccct	ctatcttctc	ccctggcagc	gtgtactttg	agagggacca	ggatgccggg	180
ctctgcagca	tcaaccctgt	ggcctgcacc	caacagctgg	cagactgtgt	ccccaactta	240
ccctcctttt	cctatgaagg	cttataggcc	tgaggctatg	gtgaggcccc	agggtaggag	300
ggatgggaatg	tggagtggag	aaatggctca	gcgattaaga	gcacttgact	gntcttncag	360
angnccctgn	ngttnanttc	cttgcaacca	catggtggnt	acaaccatct	gtaatgggat	420
ctgatgctct	cttctggtgt	gtctgaagac	agagacagtg	tacccatata	cataaaataa	480
atctttttaa	aaatttttaa	aaaagaa				507

<210> 98

<211> 128

<212> DNA

<213> Mus musculus

<400> 98

tcagcaaaca	tcatttataa	ggaaattaat	ggcgaaaatg	gggcattggg	aaaccatggg	60
ggagggggga	gactgagaga	atgagaatga	ataatggcaa	aataaataaa	tataataata	120
aataaaaa						128

<210> 99

<211> 179

<212> DNA

<213> Mus musculus

<400> 99
tcagggctcc aagactgcc tttgggattc aaacgggagc cgctttggac tgactggctg 60
cttctctcct cctccccctc ctcccccttc tgcttcagat ttatttatta tatgtaagta 120
cactgtagca gttgtaggac acactagacg agggcaccag atctcattgt ggggtggttg 179

<210> 100
<211> 282
<212> DNA
<213> Mus musculus

<400> 100
aatcagactc tgtcateggc aagtggagac tgtaacacga ctgggaccct cacatgccga 60
taaagcagtc aagaatatct tctgggagct ggagagatgg gctcagcagt taagaacact 120
gactgctctt ccggagggtc tgtgttcaaa tcccagcaac cacagggtaa ctcacaacca 180
tctgtaatga gatctgatgc cctcttcggg tgtgtctgaa gacagctaca gtgtccttac 240
atataataaa taaataaata ttttttttta aagaataaaa aa 282

<210> 101
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 101
gagggttcca agactgccct ttgggattca aacgggagcc gctttggact gactggctgc 60
cttctctcct cctccccctc tcccccttct gcttcagatt tatttattat atgtaagtac 120
actgtagcag ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtgggtgtg 180
aacnccccac catgnngntg ccgggatttg cactca 216

<210> 102
<211> 343
<212> DNA
<213> Mus musculus

<400> 102
aagggctctc ctgcctagaa cctgatattt aacactgaga gatccacctg gctctgcgcc 60
gctaaacacg ccacctcgtg ctagccaact ttgaacttat gattctcttg tacactggta 120
acttgggaagt tacctctcgg gggctggaga gatggctcag tgggttaagag actgactgct 180
cttccagagg tcttgagttc aattccaagc acatgggtggc tcacaaccat ctgtaatggg 240
atctgatgcc ctcttctggt ttgtctgaag acagatacag tgtactcgtc acatatataa 300
aataaataaa taaaatcttt ttttaaaaat ttaaaaaaaa aaa 343

<210> 103
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 103
gcctccagac tgcccttttg gattcaaacg ggagccgctt tggactgact ggctgccttc 60
ctctctctcc nctnctgnc cccttggtgt tcagattnat ttattatatg gnngtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattg 165

<210> 104
<211> 361

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 104
gacgcacccct ggactccaca atgaacggga cagttggacc taagtgggaa gctgattatc 60
aaagctnanc ttggggaana tatnchnacna attcccattc ataatgaaga cattacttac 120
gatgaattag tgctaattgat gcagcgagta ttcanaggaa agcttctgag tantgatgaa 180
gntacaataa agtataagga tgaaggcatg gactgaagac cctcacccta gctgcctgga 240
aatcagattt atgttagcag ccttcagatg aagatgtaga actntcannt ccttctggat 300
catgcctgcc tggatgctgc atgttcctgc cttgatgata ntagaatgaa cctctgaacc 360
c 361

<210> 105
<211> 165
<212> DNA
<213> Mus musculus

<400> 105
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattg 165

<210> 106
<211> 349
<212> DNA
<213> Mus musculus

<400> 106
gtaaaggcat tgaaagagaa gattgaatct gaaaagggga aagatgcctt tccggtagca 60
ggtcagaagt taatttatgc aggcaaaatc ctccagtgatg atactgctct caaagaatat 120
aaaattgatg agaaaaactt tgtgggtggtt atgggtgacaa aacccaaagc agtgacaaca 180
gcagtgccag ctacaaccca gccatcaagt actcccagcc ccactacagt cagttcttcc 240
ccagcagtggt ctgcgggcca ggctccagct cccacccctg ctctggctcc cacttcctc 300
tgcttcctta gtgctaggat taaaggcatg cactacaacc aaaaaaaaaa 349

<210> 107
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 107
gaggaggacc tgcctttctgc tgatgagctg gaggactggc tggaggacgt gctggagggc 60
gagatcaaca cagaggatga cgacgactga tgacgacgat gacgatgatg acgatgatga 120
tgacgactag atgactagtg gccgtggcag ccgcgtacca gcccacttg ctcccttactt 180
gttgtagcctt tctgccatct gtgcccttcc ccgggctcct tgggacacta ggtcattctc 240
tactacaggg ccaactgtgg tctgcataca ggggtgcttga ggtcctgggc tccctctccg 300
aggagaaaag gagctgcttt ttcttagatc ccagcccagt tctctcatct gactttgctt 360
tnttncctcc agacctttat ctggatctct tncggggcan tncctccatac tttaacgggt 420
tttc 424

<210> 108
<211> 352
<212> DNA

<213> Mus musculus

<400> 108

ggttgagaag	taccgggccac	agaccctggc	cgatctcatt	tctcaccagg	acattctgag	60
taccaaccct	tggtgagcac	aacttcgtgg	cagtggggagc	actctgctcc	aaagtggaca	120
ggaagtagag	agctaaaggg	gtggggggagc	aagcagtatg	accctcaaag	gcacgagttt	180
ggtgacctga	ctcctccaat	gaggtctgtc	ctctaaacca	gtggctctca	accttcctaa	240
agatgtggcc	cttttaatac	agttccccc	gttgtggtga	ccaccccccc	caccataaaa	300
ttatttcatt	gctacttaat	aaatgggaat	tgggtcctgt	taaaaaaaaa	aa	352

<210> 109

<211> 386

<212> DNA

<213> Mus musculus

<400> 109

gtattttactc	aagagaatgc	aacctgtgcc	tacatagacc	ttcatacatg	aacaatcata	60
gcagcttcat	tcataacagc	tccaaatggg	gagcagctca	agtgcccatc	aaggtatcct	120
gacctctga	ccgggtccgt	gaccttggga	agctgaacac	caacccctct	tcaccagag	180
gacgacgcca	gcggcaggtc	atgggagcgc	ggccctcgcg	acggcagatg	actgaagctc	240
ggcgcttggc	tctaaccaag	ctgccccctg	agctgctggt	gcaggtgctg	agccacgtgc	300
cgcctcgcg	gttagtgacc	cgtgcccgc	cagtgtgccg	ggcctggcgc	gacctggtag	360
atggcccaag	tatatggctg	ctgcaa				386

<210> 110

<211> 100

<212> DNA

<213> Mus musculus

<400> 110

gaacaacgac	cacgggaagg	ttgaaggata	atcttcta	accagcactt	tgaatgagaa	60
tttgtttctc	tgccacaaac	tgattttttt	ttttaaaaaa			100

<210> 111

<211> 506

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 111

actgagagta	aagacatttc	cacgtggaca	cctgatcatg	tgcctaccct	gactgaggct	60
ccccaggcat	ctntattgng	ggcagccgtg	ctacacgctc	aactntgagc	ccccaacagt	120
ttgcaggctc	ccagccccgg	ggtctgggcc	tnggccccac	catgtcgagc	ctcggcggtg	180
gctcccagga	cgccggtggc	agtagcagca	gcagtaacac	caatagcagc	agtggcagtg	240
gccaaaaggc	aggaggaaca	gacaaaagta	cgcgggtggc	cgccaccacg	gcgccgacct	300
ccgtggcaga	cgatgcccc	ccccctgagc	gtcggaacaa	gagcggtatc	atcagtgaac	360
ccctcaacaa	aaacctgggg	ggcttcccga	ccactctttt	nantactntt	cntttggnaa	420
gcaagtgggtg	gcggcgga	catgatgggg	gtggagtttt	gntgacaagg	caacggcagc	480
ccgcagcctc	cctattggcc	aatgggt				506

<210> 112

<211> 100

<212> DNA

<213> Mus musculus

<400> 112

aatcgagatc	cgagatgaag	actgaacttt	ctcctcggcc	cggggcagtc	agggcaggga	60
gttgacccaa	gaagagaagc	ttcagcttcg	aaaaaaaaaa			100

<210> 113
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 113
 cgggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcttctctct cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgttagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa 180
 ccacccgac 189

<210> 114
 <211> 360
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 114
 taccctcaga ggccagaaga ggggtgtcaga gcccttgtaa ctggagtttg acggtcgtga 60
 gctgcgcatc ttcaccatgg canacgatga tccctacgga actgggcaaa tgtttcattt 120
 gaacactgct ttgactcact caatatTTaa tgcagaatta tattcaccag aaataccact 180
 gtcaacagat ggcccatacc ttcanatntt atancaacca aaacagaggg gatttnnatt 240
 ccgntatgtg tgtgaaggcc catcacacgg agggcttcgg gagcctctag tgagaagaac 300
 aagaaatcct accccaggtc anaatttgcc antntntgng ggcctgcaaa gggttatccg 360

<210> 115
 <211> 375
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 115
 gaaccctaag gactctgcaa tatgaataat tctntagaga acaccatctc atttgaagag 60
 tncatccgag taaaggcgag gtctgtcccg caacacagga tgaaggaatt tctggactca 120
 ctggcttcta agggaccaga agctcttcag gagttccagc agactgccac caccaccatg 180
 gtgtaccagc aggggtgggaa ctgcatttat ncagacagca ctgaagtggc tgggtctttg 240
 cttgaacttg cttgtccagt cacaaccagn gttcaaccac aaccatctgt ancaagatct 300
 gatgccctct tctggagtgt ctgaagacag ctacagtgtg cttacatata ataaataaat 360
 ctttaaaaaa aaaaa 375

<210> 116
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 116
 gagccaggaa gtaatcaaga aatcaaggag tttgcatccg gntacaacgt caagggtgac 60
 atgtacagna ngatctgtgt aaatggggac catcccacca 100

<210> 117

<211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 117
 gttgtgcagg atggtggata agaataattta catcattcaa ggagaaatta acattgttgt 60
 tgggtgccatc aaacgaaatg cccgatggag caccatata ccactggatg aagaacggga 120
 tcccccttctg cacagtttca gtaacctgaa agaggcttta aacagtgtga cagaccant 180
 ggatgtcaaa gagaaagaaa tggccttata aaattcattt gtgtggagaa cttgaagnta 240
 ctccgggaact tgataacttt tagaaccata ctctgtttcc ctaaagaacc tectaatttt 300
 ttttaagcctg atagtgggtg tgcatgcctt taatcccagc actcaggagt cagagacagg 360
 tggatctttg atttgaggct acctgggtctn cagannaagg tccaaggcca gt 412

<210> 118
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 118
 gacagaggtt tacagnacag atggctgcgt ntcagteccc tgctgtaaaa gggtctatac 60
 ctgcaacatc aacagttcag aatgttctta ttaatccatt gttaattggg tccaaaaaca 120
 ttcttattac tactaatatg gtatcacaaa atacagccga gtcagcaaat gcactgaaat 180
 gaaaacgtga agacgacgat gatgatgaag atgaagatga agatgatgat gatgatgatg 240
 atgactatga taatatgtag tctaaccacg atgcatgtaa cctgtgttct tggacttgga 300
 tccattgtac taaaaattaa aaagcatggt agatgtttta aaaaaaaaaa 350

<210> 119
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 119
 ttgaggggatg gctactgtca cctgaccact aacggacttc gagctggcga catcaaaaga 60
 agcctctatt tcaatatcc aggcctgaga agcgttatct acagagagaa aggagttcca 120
 ggacagccag ggctacaaga agaaaccctg cctcaaaaaa aaaaa 165

<210> 120
 <211> 327
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 120
 cccctaccac ttctttcata actggaagtn gcaccantaa acanntgagc cttgatcatc 60
 acaaaaaaca cgagantaca nccactgtca aagtgggtgac tagccactct gtggacaaga 120
 aaacaagtca ccccaataga ggtgggtcca agaggcgga ctaanaaaac aaagcctgcc 180
 nggccgggtg tgggtggcgca cgcctttagt cctggccttt gggaggcaga ggcaggcgga 240
 tttctgagtt cgaggccagc ctggtctaca gagtgagttc caggacagcc agagctacat 300
 agagaaaccc tgtctcaaaa aaaaaa 327

<210> 121
 <211> 799
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 121
 aaacaccgcc tgagagcanc ttaangagge ctacnantca ngacacttga tgataccaca 60
 ccagntccag gtgggagatg caggtctcgt ctgacgacat cnttctgaga atcngaance 120
 ttgntaaatn ggcnccttga tcgngctact naccaccac actgctgtca aagaanaagg 180
 catntatnt gcctttnacg ntctagcgag cntctganna atnaaccnch ttgattgacc 240
 actctcattt ntactctgat agaccctcta ataantttgc tcttactgct gacgtgtggc 300
 ccactantnc ttaataatct aatgaccttt gttagagaga ggattgggtg tgnccagntg 360
 ntagtattaa nacaacnath ccagtctctg cataaccttg aaaaagaggt tgcagttag 420
 ttctaagatt agaactagta actagaagaa gtgggggaatg aaagatcctg gcagaatgta 480
 aaaggacaca gaagccctga aattggcaag atagacgtca gtgttagcag aactagcttc 540
 actgatttag aaacntagag gtgcacaatg ctttggggca ctccttgaac ctgngngtct 600
 tggcaatgtt ctgaccaagg tgtgtgceca ttgngtggan ccttnattga agactctttc 660
 ccttgggacc cntnccatt accccatttt ctttggggaa ttngnnctt ggnttaanaa 720
 tentgggaaa aatccccctt aaatnttccc ccttnttnc nttttncccc ccttggann 780
 ggcctttttt aaaaaacct 799

<210> 122
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 122
 gggtecccgac acccctttga aaacccccctt tttgtaaaaag ccaggcttgg tagtggggcac 60
 ctgtcatccc agcactcagg aggcagggtc aggaggatta caggttcaaa gccagtctgg 120
 tctatattag aaaaagaaaa ctgtcctttt gctaaagaaa aattaaatga attttttaggg 180
 ctgaaatctg tgggtaagat ggagtctgga gctttcctct tggaacagtt aaccgaagac 240
 cctcatgggc aaggacatcc gcttgactcc ccactcacca tcaggccaca cttttaaaga 300
 aaaattgttc tctaaccagg attgtaacaa atgtgtaaat agtatttctg agttgaaagt 360
 cgatgggtgca aatatgtata taacgtactg nattttttaca atgatcgtcg catggctctc 420
 cccccctttt tggactcaag 440

<210> 123
 <211> 435
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 123
 cttcccttgt cgctgctgaa gacagcgcag aatcacccca tggtaagcac tctggggccac 60
 ctcccttcat gtgccacag ctgagtcttt tgcagntcat gattgaaggc ctggcaagat 120
 ggcctcaatgg gtaaagggtg ttgctgccaa gccgaaggac ctgagttcaa tccccaggac 180
 ccattgtgat atggaggggt ncatgacttc cctgaagntg ttctctgccc tgtntgcaca 240
 cagacagaat ggcaaatgca atacaaagga aaacgttcac aaagaaatct atagccgggc 300
 atgggtgggtg acgcctttta tccccgcact tgggaggcag aggcaggcga atttctgagt 360

tcgaggccan cctggtctac aaagtgagtg ccangacagc cagggctaca cagagaaacc	420
ctgtctcaaa aaaaa	435

<210> 124
 <211> 204
 <212> DNA
 <213> Mus musculus

<400> 124	
aggagcacat gaaggataag gataaggacc gggaaaagtc taagcatagc aacagtgaac	60
ataaagattc tgaaaagaaa cacaaagaga aagagaaaac caaacacaaa gatggcagct	120
cagaaaaaca taaagacaaa cataaagaca gagacaagga aagacgaaag gaggaaaaga	180
ttagagctgc tggggatgca aaaa	204

<210> 125
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 125	
gggttccaag actgcccttt ggtattcaaa cgggagccgc tttggactga ctggctgcct	60
tctctctcct cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac	120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcatttgtggg tggttgtgaa	180
ccaccaccca tgtggtngcn gggantcgaa ctnaggancn ncataatagc acncanggct	240
cnaaatnnct tgagccntct cttcnnnctn tctgnattcc ttgttatggc at	292

<210> 126
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 126	
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt	60
cctcctctct cccctctctc ccttctctgc tcanatttat ttattatatg taagtacact	120
gtancagttg taggacacac tagacgaggg caccagatct cattgtgggt ggcttg	175

<210> 127
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 127	
tgccctttgg gattcaaacg ggagccgctt tggactgact gnetgncttn ctcctcctcn	60
ccctcctncc ccttctgctt nanatttatt natnatatgt aagtacactg tancagttgt	120
aggacacact agacganggc accagatctc attgtggg	158

<210> 128
 <211> 283

<212> DNA
 <213> Mus musculus

<400> 128
 actgtactga ctgctgggtga gactgctgca atggctcgtc agtgtacccc gctcctccag 60
 cagccagcgc actgcctcaa taccctcgtt caaggtcacc agctgctgca ggatcttcac 120
 atcgatagct cgcaggcact ctggaggtgg aaggaagagg atcagaagtt caaggccatt 180
 ctcagctatg ttggcagttc aagaccagcc ggagcttcat gaaaccctgt tttaaaatta 240
 atgaaataaa ataataaaat aaaacaagat ttaaaaaaaaaaaa aaa 283

<210> 129
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 129
 ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt gggtgt 176

<210> 130
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 130
 ggtttcttct ctgtgtagec ctggctgtcc tggaactcac tctgtagacc atgctggcct 60
 cgaactcaga aatcctcctc gtgtgccacc acttcccggc cgggtcatag cttttttaac 120
 ctttaaataa agagcttttg ttgggaaaaa aaaaaa 156

<210> 131
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 131
 ggagttccaa tgaattcact caggtttctc tttgaaggtc agagaattgc tgataatcat 60
 actccgaaag aantgngnnt ganaaagtat ganggctgga gagatgggtc agnanntaan 120
 ancactgact gctcttctgg aggttcaatt cccagcaacc acatggnggc ttataaccat 180
 atataatgga gnetgatgca ctctcctggg tgtgtgnctg aagacagcta cagtgtactc 240
 atataaatat a 251

<210> 132
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 132
 gatcacttca tggattttgcc tcacgtacct atgtttgtta atttcctgtg tcgttcccaa 60
 gatcacgtaa aaccctctga gcattattga cctccctccc agcaaccaca tgggtggctca 120
 caaccacctg taacagagat ctgatgccct cttctgggtg gtctgaagac agctacagtg 180
 tacttacata taataaataa ataaatctta aaaaaaaaaa 220

<210> 133
 <211> 269
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 133
ggtgcatgat gagttcattg ttgcagntgt acacgactca ctcattgaaaa ggatgtcaga      60
gaccccattha cagatgggtg tgagccacca tgggntgct ggaattgaac tcaggacctn      120
tggaccttaa cctctgagcc atctccccag ccccaaaaaca ccaaattgact ctaccaaata      180
atcaagaaga gaattcctct ggcttcgggt caaggtccat gcttggtcac ctctggatat      240
taaattgggag ataattccaa aaaaaaaaaa      269

<210> 134
<211> 322
<212> DNA
<213> Mus musculus

<400> 134
gttgggttaa cggcatggag aacagtcacc cccaccacca ccaccagcag cccccgcgc      60
agcccgccc ttcgggagag aggaggaacc accattggag aagttacaag ttgatgattg      120
accggctct gaaaaagggg caccataaac tgtaccgcta cgatgggcag catttcagcc      180
tggcgtgag tagccggcgc gcttcccgcc cccccccacc ccccccggt ggagccccca      240
gacaagaggc gaacggaggg ggacccctct tccaggacag ccagggttat acagagaaac      300
cctgtctcca aaggaaaaaa aa      322

<210> 135
<211> 186
<212> DNA
<213> Mus musculus

<400> 135
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt      60
cctcctctct cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact      120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac      180
caccca      186

<210> 136
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 136
gtctactaac ccaactctac tgaactggcc tgcccctgta tgcattgaagt gtctctgcga      60
gtggatcgag ctggcagtgct ctgctgacct gtgaactgaa ctgctgggtt ccagacaaca      120
cagatgggag ttgctccaaa gaacctttct gaacatgtac acttcccccg tatcctttct      180
ttctactat ctcagggtggg tggngggcta taaggagggt taagacattt aagaaccgct      240
attaaaaata aggattgagg ggctggtaag atggctctgc aggtgagagc actgactgct      300
tttncgaagg tcttgagttc aaatcccanc aatnacacgg tggctcacia ccatctgtaa      360
tgggatctgn annccctnaa tctgggtentt tgaagacagc ttacaa      406

<210> 137
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)

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<223> n = A,T,C or G

<400> 137

gaagctgcag	tgcttggttc	gggtcntatg	ttcaggggac	cantatttag	ataaagaaga	60
aaatagcaaa	attatggatg	ttgtgttcca	gtggcttaca	acaggagaca	tccacctcaa	120
ccagatcgat	gctgaggacc	cagaggtngg	agactgcac	atagaaatgg	angatggctc	180
annttcttag	aaccatttnc	aaagggacag	anagatctnt	ttcaactcac	ccctaanaen	240
nttggaanac	agnttggaga	nntggctcat	aggctaaaaa	tactggctgt	tcntccagaa	300
ggcccaacaa	ccacatgggtg	gnntacaacc	atcctttang	ggatcctggg	ccctctttng	360
ggggggcccc	cgtctnttaa	tttaaatnan	cggttttttt	ttnttggttc	cggggggngg	420
gggnccctc	cccttggaac	ttntttnncc	tnanttgaac	nttttttctt	ttggaaaagg	480
gcccccttgg						540

<210> 138

<211> 290

<212> DNA

<213> Mus musculus

<400> 138

ggttccatgg	tgacggccac	acccaccccc	ctgcggccag	atgtcatgcg	ggtcacctca	60
ctccaggggt	ggggatgaga	ccttaaacc	tggattcaag	aaagagacca	gaggactgga	120
gagatggctc	agtgggttaag	agtaccaacg	gaaggctctg	agttcaaate	ccagcaaaca	180
catgggtggct	cacaaccacc	cataatgaga	tctgccgcc	tcttctgggtg	tgtctgaaga	240
ctgctacagt	gtacttatac	acataaataa	aatcttttta	aaaagaaaaa		290

<210> 139

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 139

ggttccaaga	ctgccctteg	gtattcaaac	gggagccgct	ttggactgac	tggctgcctt	60
ctcctcctc	ccctcctcc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccaggtct	cattgtgggt	ggttgtgaac	180
caccacccat	gtgggttgctg	ggatttgaac	tcaggatctt	canaagagca	ntcagggntc	240
taaaccgctg	agccat					256

<210> 140

<211> 327

<212> DNA

<213> Mus musculus

<400> 140

gtctccatat	gctcagtcaa	atctccataa	ctgtaaatca	acactaagag	cactggatag	60
ttaagggtcaa	ggagactctc	acaaaggatc	cagaagggtg	agtccagatt	aagggtgtgtt	120
ccaccacacc	tttaatcccc	gatgaccttg	aactcggaga	tttaatcttc	tggaatccat	180
agccactatg	cctcaagatc	tccataccaa	gatccagatc	agaatcttct	atctccaagc	240
ctccagataa	gggtacctgg	tgagccttcc	aattctggat	tgtagtccat	tccaaataaa	300
atcaagttga	caaccagaaa	aaaaaaa				327

<210> 141

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 141

tcacaagactg	ccctttggga	ttcaaacggg	agccgntttg	gactgactgg	ctgccttact	60
gtctctcccc	ctcctncccc	ttctgcttca	gatntatnta	ttatatgtaa	gtacactgta	120
gcagttgtag	gacacactag	acnagggcac	cagatctcat	tgtgggtggg	tgcaaacnna	180
ngacannnta	gacganggca	ccagancctca	ttntgggngg	angagcatnc	anggctctna	240
accgctnagc	natntntcca	gnctcctgca	ttnccttctta	aggcatgaat	gatccagcat	300
a						301

<210> 142

<211> 141

<212> DNA

<213> Mus musculus

<400> 142

gccactcgca	aacgacctgt	cttctcaccg	tctctctctc	tctgtttctc	actctgtcct	60
ctctctgtct	ctatcctata	ctaacttggt	tcaaattgga	agtgaggata	tgtattgccc	120
aagggattaa	ataaacaata	a				141

<210> 143

<211> 349

<212> DNA

<213> Mus musculus

<400> 143

gtgagcccta	tttctagaga	cagctgctgc	tgaccctgta	actcaaagga	caaactagct	60
ggctaaactc	attcttggtg	ctgggtgttg	attattctag	aggttggata	tgagcctagg	120
tggcctgctg	gcctaggagg	aggattgagg	tcactttctt	gcagttgcct	ttaagaatgt	180
gtggaatcgg	ggctgggtgag	atggctcagt	gggtaagagc	accgactgc	tcttccaaag	240
gtccgaagtt	caaateccaa	gcaaccacat	ggtaggtcac	aaccatccgt	aatgagatct	300
tgactccctc	tttttggagg	gtctgaaaac	aagctacagt	tgctcttac		349

<210> 144

<211> 238

<212> DNA

<213> Mus musculus

<400> 144

cctgaaacct	ggctgctcag	gtttcactgt	tatcggggaag	agagcatgtg	gtggagcctg	60
ccgccctatc	attctgccac	tcccactgct	gctgcctgct	gcctagctgt	tccggagcca	120
aacacgtggg	cacctgcaac	tggactcgta	ggatgatttg	gcaggaatgg	gccccctccc	180
cttcttcata	accagtgctc	tggaatagta	aaatcgaacc	ttgatcagaa	aaaaaaaa	238

<210> 145

<211> 304

<212> DNA

<213> Mus musculus

<400> 145

ggagaaactc	actcgccaaa	caacgtctcg	tggtatcctg	gctgactctg	gccgcttcag	60
cagagcctgg	ctgttcctgc	tggattgtgc	tactgctaca	gattcatggt	tgggtgtttgc	120
tattgaactg	ggctgcttat	atcctgacac	ggaagagtgg	aatcgcccaa	agcaagtact	180
tctaatacagg	tccacaactc	cctttgcctt	taaccttgc	ttttccctac	ctctgggttg	240
tgggctaata	gggaggggta	agaaccccaa	ataaagtcag	ttttgaaaaa	cctaaaaaaa	300
aaaa						304

<210> 146

<211> 250

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 146
 gaccttggtg gaagaagtgt gtcattgtgg tcatggactt taagacctgc ancctagctn 60
 cctggaagcc aatctttacc tagccgcctn tgaaacagct cctnctgcac catgcctgnc 120
 tggacgctgn catgcttcnc cttgatgata atggactgaa tctntgaacc tgggcaaaga 180
 gcenatgggg agaagagaat cttnangetc tgancatcca ggaggggtgaa gatggtacca 240
 tgaactgcag 250

<210> 147
 <211> 334
 <212> DNA
 <213> Mus musculus

<400> 147
 atctaaaaaa actcaaagca atgtccctaa gaagccactt gaaaattcct agatggcctg 60
 ggagtttagaa gcatgaaaca cagcctcaaa accaaaacca aaaagcgggc tacaggtata 120
 aatgagtggt taaagaagtt tgaaataggg ctggtgagat ggctcagtggt gtaagagccg 180
 actgctcttc cgaagggtccg aagttcaaat ccagcaacc acatgggtggc tcacaaccac 240
 ccataatgag atctgatgcc ctcttctggt ggggtgaag acagctacag tgtacttaca 300
 tataataaat aaataaatct tttaaaaaaa aaaa 334

<210> 148
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 148
 ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcttc cccctcctcc ccttctgct tcagatttat ttattatatg taagtacact 120
 tgtagcagtt gtaggacaca ctagaccgag ggcaccagat ctcatgtgtg ggggtgggtt 180
 gg 182

<210> 149
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 149
 gtgctgggat tgcaggcatg tggccactgt gacaggtttc ctgtgctgtg ccgaggcccg 60
 ggcacagcgc ctgctgcaca ctagagaaaa ttctgcatac tgaccacat cccagctct 120
 accgctgtat atttctagtc attctttaaa cccaagcaaa tgtgtagagt ctctatgct 180
 gagatgtttt ttgccactac cagacatgta ggctatcatt tgacgtcttt attccctgag 240
 agaaaacttc ttttctgtat ttatgaactt tattattgag aatcactgnt aacctttctg 300
 ccaaattaaa gacacttggt tctctgttta cacggac 337

<210> 150
 <211> 377
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 150
actctagacc atgtgcctag gtagnttttn ccttctccgc agctctgctt ccccagcanc 60
gttcaccaca cccttgtttt gagaacctca ctaagtctgg agctcanaga aatgangaag 120
gtggatggag actgactcat gngcttgaaa ccatcaaatt gttcaagatc atcaagggac 180
tgagcctaag gctctgtcgg aggagggaga agccactgaa acagggggac ccaggactca 240
catgggtggct cgtaaccatc tgttactcta acatccaatt ctgacctgta ggcgccagtc 300
atctacaaga tgcatagaca catgtaggca aaacacttat acacataaaa taaaactgaa 360
aacaagaatt taaaaaa 377

<210> 151
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 151
gtctttttcc ccttcctttc tgtggacaca gnacagctct tcggttncag gattgtgctg 60
gtcaattatt ttctcctact tccatgttat caagactact tctacatctt tttcactgta 120
tgtatataag agtgaaatta tttagagcat tattttctaaa aaatgtatatt ccagctctaa 180
aatagggttga gattatcatg aacatttggt gccgggcagt ggtggcacac gcctttaatc 240
ccagcacttg ggaggcagag gcaggcggat ttctgagttc gaggccagcc tggctctacag 300
agtaagttcc aggacagcca gggctacaca gagaaaccct gtctcgaaaa aaca 354

<210> 152
<211> 669
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 152
aagcctgagg ttgagctgga accggcttcg aatctgccgc ttgggagaga tgagagggac 60
gggggctgac tgctgctgga ccgactcgct cagctccttc aggtccatct cggccttgct 120
tcgatctgga agacaccagt atagcctcaa tcagaccagg ttctcacact ccaccacca 180
ccactcaggg tttctctgtg gaggcctggc tacactggaa ctactctgc agaccaggct 240
ggcttcagac tcagatacgt gtctgcctct gccttctgag agctgggatt aaaggcctgt 300
gccaccacca ccagttcac atgaaattta aacacgtccg ccgtaacte tagttctggg 360
caatctgaca tcctcttctg gcttccgtgg gcaacgcctg cacgtgggtg gcctatccac 420
gcattggatc tagatgttcg tgtgcataaa tgccttttaa aataagcttt acacataaat 480
aagagcggag gagtttgccg ctggcctcaa atgctgctcc tgacgagaag cacctgactc 540
ctggagtaaa catggattca agtctggag tggacgcccc tttccttntg ggaaatggac 600
ccggagcagc aattagccta cctatctgct aggtcaagca cacaacaccn caaattaagg 660
aaaaaaaaa 669

<210> 153
<211> 336
<212> DNA
<213> Mus musculus

<400> 153
ttgaggggtca tctgtctttg ttgtctgaga tgcaagagtc acaggagaag tcatcaccac 60
ggtctgctggg agagacgtgg cagacggcgt ggtacggatc tgatctacaa ctgatggcca 120
actagtgaca ccagatgac tgtcacatc acgactcagg tatcgaagga tgttccagcc 180
cctccctact acctcccacc acaggggtatc actatgtagc ctggctgtct tggaaactcac 240
tacatagacc agcttgggtct cgaactacag agatctacct gcctctgctt ccggagtgtc 300
gggattaaag gctactgagc cagtcaaaaa aaaaaa 336

<210> 154
 <211> 582
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 154
 agctgtttcc caagccgaag ttagagttct cctccagtcg tctggacca ggggagttgt 60
 tggacctgnc ctgctccgac tcgggcacac ctgtagccaa cttcaccatc cagaaggaag 120
 agacgggtctt gtcgcagtat cagaatttca gcaagatcgc cgaggagagt gacagcgggg 180
 agtacagctg tactgcaggc atcggcaaag tgggtcaagag aagcggcctg gtaccgatcc 240
 aggtgtgcga aatgctctcg aagcccagta tttttcatga tgccaagtct gagatcataa 300
 aaggacatgc catagggcatc agctgccagt ccgaaaatgg aactgcaccc atcacttacc 360
 accttatgaa agcaaagagt gacttccaga ctctcgaggt gacctccaat gacctcagcaa 420
 cattcacaga taagcccacc agagacatgg aataccagtg cagagcggat aattgccatg 480
 gctccggtag gtccagagtt caaatccan caaccacatg gtggctcaca accatccgta 540
 acnagatctg actccctcnt ctgggagtg cctgaagaca gc 582

<210> 155
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 155
 cctctacata cgagacagct ctgacaggct gagataggaa tgcctttttt tgntatctat 60
 tttttttaat gtttttatta ggnattttct tcntttacat ttccatgagc tatcccaaaa 120
 gtcccccaat nccccctccc caggaatgcc ttttngtggc caanaatctn gntgggnnct 180
 gttagtgtna tgattntatn cactgtaaag atatggctct gtattttctg catgcctaaa 240
 gcaccttctg attgatta 258

<210> 156
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 156
 aagggagacc ctcactcaag cactcaagnc nnggnaengc cgcggaccca ngangacnct 60
 gagaccgtac tcgaaatgta taangagata gctctaant tanagcgagt nntcnacctn 120
 ctganggacc cgatattgtt gncttagtac catancctgg actgcgttta tcctttttct 180
 aatanaagct actaacttat taaggatgca gggcccaaaa gtaagcnaaa gcatnagtgg 240
 aatttaaagg tcctgntata ttggaaagga aagtg 275

<210> 157
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

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<222> (1)...(288)
<223> n = A,T,C or G

<400> 157
gactgagatg atggatcaca tgggtggtga tgaggatgta gatttaccag aagtagatgg      60
agcangatga tgattcacia gacagtgatg atgaaaagat gccagatctg gagtaagggc      120
tgttgatcat gcctggattt tgagaaagga aaataacttc tgcaagattt cacaattgag      130
aaaacccctg agtcgatagc tctaaaggca gatatgctgt acttgccctc tctaaccacg      240
ttgtcaacct ttttttttct ttttcttttt tttctttttt tttttttg      288

<210> 158
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 158
gaactgaggg agcccgaacc tcagctgnca tggcgtcaca gcatngggct gcgcatgcat      60
gctcatgcgg gaggaggccc agcaggagga gcatgcgaga gcgcatgcan naggaggctg      120
tcatgcatta tatgcaacag cagcagcanc agcagcagca gctgggtggg cccccaccc      180
cagacatcaa                                190

<210> 159
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 159
ggtgtcccat aggtctccgt gcgactagga ggggcagngg tggcgggcgg ggcagcagcg      60
gcagcggcgg cggcggcagc agcagcagca gcagctagca acctggtcag ggtacgctct      120
ccatccacag agatgagccg tcaggctgct acagcattat ccactggcac ctcaaagtgt      180
ccaccatccc agagggtacc tgccttgact gacacaactg catgca                        226

<210> 160
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 160
gactgaggcc tgaagggaaa gatttcagca ttcacggctt tgctctgggt aagctgaaca      60
aagtctgggt tttgttgtgt gtggnttttc ctctcttctt ttctttttct ttctttcctt      120
ttttctttct ttcttttttt aaacttggga ccaccaagtt gtaaagatgt atgtttttac      180
ctggcagttg ttccactggt gaactgtcaa gttgagaaan agtggattgc tagnllgtgt      240
tngnttttaa nattaaatta atccttgata aaagttgctt ttttangggg tagnccttga      300
ccactatagt ttgatgccat ctccattttg gttgacctgt ctcaccatca ggcctgntac      360
tctccatgac taactgngta agtgcttata atggaataaa t                        401

<210> 161
<211> 100

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<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 161
 gacttcagga tgcattngac agtgactgng aaactgggag gatcatgccn aacaattatn 60
 aaaatggaaa ntacagtgcac taccaggaaa cataaaaaaa 100

<210> 162
 <211> 195
 <212> DNA
 <213> Mus musculus

<400> 162
 gaactgaggt gaagcactgg tggaaggaaa agaacacgca ggagcgacca gggactgagc 60
 gagtggaggt gaccggagca agaagagggt ctaaaaattc aattcccaac aaccacatga 120
 aggttcacaa ccatctgtac agctacaagt gtactcacat acataaaata atgaataaat 180
 aatatattag aatga 195

<210> 163
 <211> 216
 <212> DNA
 <213> Mus musculus

<400> 163
 gactgagact ctcagcgttc tcctctctcc tccttcacca tgaagctgat ggacaaattc 60
 cactctccca aaatcaaggt gagatggctc agcaggtaag agcaccgcac tgctcttccg 120
 aaggctctga gttcaaattc cagcaaccac atgggtggatc acaaccatcc ctaacgagat 180
 ctgactccct cttctgggtgt gtctgaagac agctag 216

<210> 164
 <211> 348
 <212> DNA
 <213> Mus musculus

<400> 164
 ctccaagaag ctctactgcc tgaggggccac tggctggaag aaccaatttc tcttacacag 60
 gttccaggtg tgcattgtcg gcattccctgt ggggtgtttgt ggtcggctgt ctgtccatgc 120
 tgcataccc cagtgtgttc tttgatccag tcccgaacta cagggagcct tgtgtacacg 180
 cctggcctgt tcctctgagc gcagccttca cccagctca ccacaccagc ctggaacatt 240
 cgcctcatct tctccgcgct tgacaagggg ccaccagagt caccctacgc aaaataaata 300
 aataaataaa taaataaata aataaataaa atacccgaaa aaaaaaaa 348

<210> 165
 <211> 448
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 165
 gactgagcta cggagtcaag gccaaagtgc ggggaccagt gcggcctgtg atgactgaag 60
 ccaccagcgt ctcagtgttg gacgtttcca gtgtgtgtct gacgattcga gcacacgtgt 120
 gcacacacac ggacggacac acacagacac acacacacac atattctcac acacttatgc 180
 gtgtgtgaat atgtgtgtgg atgtctgtag ctgtatgtaa agcacatatg gctacagggtc 240
 tagatacaca catgagtgtg tatatatatg tatgtccatg ctagatacac acacgagtgt 300

atatatatgt	atgtacatgc	tagatgcaca	catgagtgt	tatatatgta	tgtacatgta	360
aagatcgaag	ggagcagggc	gttttctcca	aagtactgga	cctggcctta	accaaaattc	420
ttaaggaaaa	tntttcaata	taaaaccc				448

<210> 166
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 166						
ctgagccagc	aagcacatct	gttggagcct	acttcttcag	gattacagtt	tatacacgaa	60
gaccagctga	aacacccaga	ctgcagactc	acgcccactg	gaagcctacc	tcttcaggat	120
tgcagtttat	acagagggcc	agctgaaaca	cctagcctcg	tggaactaga	ctcttggact	180
tcccatttac	agctgtccat	tgttggnncc	tgtttccang	tccttgcctg	ggttactgtc	240
ccgantnccc	ttaaggatat	gctgtgatat	ngcatngtng	gccanataaa	ccttttctctg	300
accaatntgc	anatagntgn	nctagttctg	nacttctctc	ttgggtctggc	tgttggatta	360
tgggtccacag	tgaggaccan	acnnagacac	agtgaagaggc	tacttctctg	ctggaanggg	420
acatgggtgtg	gtgggtcann	tgggggcctc	ctttgttttc	ca		462

<210> 167
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 167						
ctgcttcagc	aggatggagc	atcantgaga	tggntcagca	ggaacgcaag	cagcagcagg	60
agctgcgctt	ggccttgaag	caggagcgcc	gggctcaggc	acagcagggc	catcggccat	120
acttcttgaa	gaaatctgag	cagcggcagc	tggccttggc	tgagaagttc	aaggagctga	180
gacgcagcaa	gaagctggag	agtttctctga	gtcgaaagag	gcggcggaac	gcaggcaagg	240
acaggaggca	cctcccgcctg	agcaaggagt	agtaagaact	gtcccaggag	acctggatct	300
gtgggaacgg	ggcttggctt	gcccggctct	ggatctttnc	cttgctcaaa	aatgagcttg	360
atgactacca	ctggcctaag	ctgacttggga	a			391

<210> 168
 <211> 574
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 168						
aagacggatg	ctccccattc	tgatgtgaag	gatgangaag	ggacnagnaga	anagncnnc	60
ncnnntttta	nacngactan	canganaanc	ttgaagagaa	acacnngagt	gatgctgaag	120
aagatgggtg	tactggcagt	caagatgagg	aagatagcaa	gcctaaagca	gaggaggatg	180
aaatttttgaa	cagatcgcca	agaaacagaa	agccacgaag	agagtgaaac	aatctttaag	240
aacttgatct	gtgatttcct	ctccctcccc	ttcccttgca	aatgtgggtcc	taggagaggg	300
cctgggtgtac	cttangtggg	agctcaaaac	ctcaagatgt	caccatcaac	aggttccagt	360
gaatactagc	ctgtaatttt	aaacatctag	cagtaaataa	ttgcagttgt	aatgtaaagg	420
accctgtttc	tgtagaaagg	aaaacattta	acataatggg	tgngaaatgt	accatgaaac	480
actaactagn	gttttggttg	nttttaaaan	ttttccaggg	nggctttttt	tttttttccc	540

ttttcccttt tttttttttt ttttttaaaa aaaa

574

<210> 169
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 169
actcactatg aagccnnaga tgaccttgaa cttctgatcc tctcacctcc atccctgagt 60
gctgggactg ctggtatgtg ccgttatgng tgtgctgttg ggagattgan ctcaaggcct 120
ctcccatgct atgcaagcac cctaccaact gagctatata cccagccttc ccaccttana 180
gnggtatatt gtactgagga tta 203

<210> 170
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 170
gactgagatt ctcacaaaca caaagataaa cacaaagatc gagaacaccg gcataaagga 60
gcacaagaag gataaggata aggaccggga aaagtctaag catagcaaca gtgaacatan 120
agattctgaa aagaaacaca cagagaaaga gaaaacccaa cacaatagat ggcagctcac 180
gaaaaacata angacaaaca taaagacaga gacaaggaaa gacgaaagga ggaaaagatt 240
agagctgctg gggatgctaa aataaaaaaa 270

<210> 171
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 171
ctgagagaga ttcagcctca aagacatcaa agccataaga cactatgtgt aagggtcaatg 60
ggatcttttg gaacaaaact gattcggaaa agacacctca tcttatggga gctgggcctc 120
tgtgtcacct ggaagagcaa acacatcatt taagaatcca tatgccaaaca aggttttgct 180
gaaaggaccc cgatatagct gtcttgtgtg aggctatgcc agtgcctgnc aaatacagaa 240
gnggatgctc acagtcattt attggatgga acacagggcc cccaatggag gagctngaga 300
aagcacccaa ggagctgaag gggctctaaa ccctattggt tg 342

<210> 172
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 172
actgaggtga ctccanngaa tgggtcattc catctccana ggggtnagnn acccaccagc 60
tgaaaactgc tttactaaat tgggtctgcat ggctggccta caattcaaag atctgcctgt 120
ttctgcctcc cgagngccgg gatttaaagg catgtgttgg gctggagaga tggctcaacg 180
gttaagagca cagactgctc ttccagaggt cgtgagattc tgactccttc ctcangcatc 240
ctgataaaga tgttcgttta ctggtggcctt gctgccttgc tgatattttc aggatttatg 300
ctcctgaggc tccttacacg tcgtgagatc c 331

<210> 173
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 173
tcaaacggga gccgcttngg actgactgnc tgccttcttc ctncctcccc tctctccccct 60
tctgcttcag atttatttat tatatgtaag tacactgtag cagttgtagg acacactaga 120
cgagggcacc agatctcatt gtgggtgggt gtgaaccacc caccatgtgg tngntgggat 180
tngantcan gatctttana agagcagtcn gggntctaaa cngctgagcc atntttccag 240
nctcctgcat ttcttcttaa ggcataaaat gatencanaa tggnacgaca gtcttgnntt 300
nttttctttt ttagaanana ttttttccct ttttncactc attatactgt att 353

<210> 174
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 174
tgagatcaac ttgtgataat gctgccattg agagaaactc acccaacagc tgctcatgag 60
gtcctgcaga agtngcctct tccattgcct tgcctcagga tggntggtaa acctggcnat 120
tncttcanga ttgaactaca gctgcctggg gtctgcctgc caagaggact ggtctgcagc 180
tgctgaattg tatttgatgt ttgctacagg actgacctgc tgcccaagaa gatcaagctt 240
gccccaaag aactactgat gaacaggctc acttccccct tatectaata aattttctct 300
tctactacct ttgatgggta gtgggct 327

<210> 175
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 175
actgagaaag tctcgggctg gtgagatggc tcagtgggta agagcaccgc actgctcttc 60
cgaaggctcc aagttcaaact cccagcaacc acatgggtggc tcacaacat cctgagatg 120
ccaggacttg gaaggtggan nccaaactgg ntctgaaca aacagaagga tgtgagngat 180
ggaagttca nccaggntct ggccaacggt ctagacaaca agctgcgtga gatga 235

<210> 176
<211> 325
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(325)

<223> n = A,T,C or G

<400> 176

atgggcacaa	tcaatgaaac	tgacttttcta	nagaanccaa	gagttggggc	tgnagagatg	60
gctcagtggt	tnagagcaact	gactgctctt	cnatgacgtc	ctgagtggtca	attgccagca	120
nccacatggg	ggttcncanc	agatncatnc	ctgnagatcg	cacatgcccn	ctnctgggtg	180
gtctgaagnc	antctccnnc	tnacttgcac	annntnaaac	cttaagtgtt	tggcatgagg	240
ctttaacaga	cacaatctgg	agtgnctatg	ttttacccaa	gangcccaaa	aaagtancat	300
ttgattgcct	agagtggatc	ataaa				325

<210> 177

<211> 280

<212> DNA

<213> Mus musculus

<400> 177

gctggcgaca	tgggcectcg	tctgacccag	gaacgctaag	gaaggcacia	tgcggcgctg	60
ggtgaagatg	cttcatagag	gagaggagtc	cctgaagatg	cagagcactg	tggcagcatc	120
agaagctgac	aatgaccaat	tgagagcggc	cagcagagcc	agtcctctta	cagctgcaga	180
actcacgggtg	tgccagtcaa	tggccatttg	gcttttgaag	caaattggga	aagtgtaaac	240
gcttgataaa	tagttgcctc	ttgagtgaag	atgaaaaaaaa			280

<210> 178

<211> 410

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 178

gtggctgcca	atttgatgta	aactccctgc	tatgacgctt	aactgtcttg	aggagaagta	60
caagttggac	taggaacaga	ttgatccctc	caagtcagcc	tcttgggccac	ccgagactca	120
catcttgtca	gagaaacaca	atgggctcat	ttagctgtac	attgaactgg	tgggtcttcta	180
agagaatgtg	atgataataa	gactttaagg	taaaagttaa	gaactggggc	tgggggctgg	240
agagatggct	cagcagttat	agagcactga	ctgctcttct	gaaggctcctg	agttcaaata	300
ccagcaacca	catgngggct	cacaaccatc	tgtaatgaga	tctggcacct	tcttctggng	360
tgtctgaaga	cagctacagt	gtacttacat	ataataaata	aataaatctt		410

<210> 179

<211> 290

<212> DNA

<213> Mus musculus

<400> 179

gactgagatt	taccttcaag	actgctgaaa	ttttaactac	ccaagatgcc	tgtccctccc	60
ccaccagcac	ccccaccgcc	accaacattt	gcactcgcta	acactgagaa	gcccaccttg	120
aacaagacag	agcaggctgg	gaggaatgct	cttctctctg	acatcagcaa	agggaagaag	180
ctaaagaaga	cggtcaccaa	tgacagaagt	gcccacatat	tggacaaacc	aaagggagcc	240
ggcgccagtg	ctgggtggcta	tggtggaggg	ggcgggaggtg	gtgggtggagg		290

<210> 180

<211> 287

<212> DNA

<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 180
agactgagag agaagcctgc cgatgaatgt ctctgtggaat tccanccgat tcttcccact      60
tncgatgggt naanccaccg ntactgattc ncatttgngg tnnngctatng gactgaacct      120
gctgatatcc tgacatgaag cttagagtcg atctaaagaa ctacttctaa acaggteccac      180
aatgcctctg ncttagtaac cgtatctntc ccctacctct ggctcggtgct ctagaaggga      240
gattgatgca ttgaagaacc ccaaataaaa taggctttga aaaatca                      287

<210> 181
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 181
tatttgcact taacagcaac ctccagcttnt tgccaggcgg ngagtaccaa gagctgctgt      60
ggagtgcaga tgcctgacagg aagcagcagt gcagcttcaa gggcaaggac ccaaagggtga      120
gactgagggg tctgggcaga aactgagca gatatggctg ttatgggaag gacacagtct      180
ggacatcgcc agcactgggc ttcagcccca gcccagccc cagccccagc cctgtcctnt      240
atgngatcct ggataaatag attcatctgg tca                                273

<210> 182
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 182
ttaccttaaa gatctncctg ttttgcctgc cgagngtctt attannggct gctccatcac      60
accagggatg gcaagatgcc ttcnagggtg atagcactga ctgctcttcc naagggtgcct      120
gagttcanat cccagcance acatggncgc tcaanaccat ctttaatgag atctgatgcc      180
tgtttctggg gtgtngtgac aacagctact ncgtacttat atatnacnaa tggatatctc      240
tttcaagttt tacctgccaa agttacacat gaagggggaca ctgtggggaga ngagtctgtc      300
tcttgcanaa tgtctctaan aagcccagggt ttctccttaa cctangaacc ctgcagctgt      360
aggaccana agtgggggtct cttctctata ctaactatct taacccttat ctcttgccca      420
ctgaatatta aataaaatat cattagttaa tcc                                453

<210> 183
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 183
gcctccagga tccagtcagg ctgtcgcggt gcctgatcct gttcaagttg naggtctggg      60
aggaactgan tggtaggtca aggtctctat cttttttcca tgctaagggc tgtaccactg      120
ccaaagggtta ngaaaagata agaggggctg gcgagatggc tcaacgggta agagcaccgc      180

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actgctcttc	cgaaggctcct	gagttcaaat	cccagcaacc	acatgggggc	tcacaaccat	240
ctatnangag	atctgactcn	ctcttctnga	ntgtntgaag	acagctacag	tgtacttaca	300
tataataa						308

<210> 184
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 184						
agactgagaa	aggccaactt	ccatcaatgg	gtggatgnnn	cntgggactn	tgctncacga	60
ntgcntgggc	tgatagagcc	tnanattcaa	nntggctcat	tntaccctat	ggaaagagga	120
ggtggagtgn	gagagccaat	tgnaatggaa	nacagngagg	aaacaaaggc	cttcnagaca	180
caanaggact	gctgagctca	caaagactga	ggcagcaccc	tcaggacctg	cacaggtcta	240
agcttgatgc	gatctgagta	ctgagagggc	aactggacac	aattctatat	tgataacca	300
gaagctttct	ccagttgata	aactctttca	aaggaaaaac	ttgttttcta	ccatggagtg	360
acactggata	tngaaacctt	cccgttaaca	ggcagacttc	catgggctca	agacttccaa	420
tacaatatga	actcagttgc					440

<210> 185
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 185						
ctgaggggttc	caagactgcc	ctttgggatt	caaacgggag	ccgcttttga	ctgactggct	60
gccttctctc	tcctccccct	cctccccctt	ctgcttcaga	tttattttatt	atatgtaagt	120
acactgtagc	agttgtagga	cacactagac	gagggcacca	gatctcattg	tgggtgggtg	180
tgaccacccc	tgcggtgct	gggattt				207

<210> 186
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 186						
gtctcctatg	ctcagtcaaa	tctccataac	tgtaaataca	cactaagagc	actggataag	60
ttaagggtcaa	ggagactctc	acaaaggatc	cagaagggtg	agtccagatt	aagggtgtgt	120
ccaccacacc	tttaatcccc	gatgaccttg	aactcggaga	tttaatcttc	tggaatccat	180
agccactatg	cctcaagatc	tccataccaa	gatccagatc	agaatcttct	atctccaagc	240
ctccagataa	gggtacctgg	tgagccttcc	aattctggat	tgtagtccat	tccaaataaa	300
atcaagttga	caaccagg					318

<210> 187
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 187						
tccagactga	gaaaangaga	agaaatggca	gnggttgatg	acaaccaccc	ntcttcccca	60
aaccaaaagg	ancaggnagg	aaccccntct	tccaggactc	ctgggacaca	gagtcttcaa	120
gcagcgacag	tggtgggagc	agcagcagca	gcagcatcaa	cagcccagac	agggccagtg	180
ggccagagag	cagcctgagc	cacaccatcc	ccggatcctg	ccccagcacc	ccccagccga	240

tgectgagca	gtctggcaact	atgceccaagg	gcccttactt	tccacatcaa	ccagaccctt	300
gaangaggct	cactttcata	agcctacagc	acccgangcc	ggcccgcga	catgatgctc	360
cttccggcaa	gtttcttgcc	ttctgtgaan	ggacaagcac	tgtgcaaaat	ggatatttca	420
acttaatgat	ttgggtttt					438

<210> 188
 <211> 357
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 188						
agactgaggg	agatcataga	caacacaagc	aaagagaacg	ggatcgacat	catcctggcc	60
gacaggacct	tccatctcat	cgcggagtc	cccgaagatg	ccagccaatg	gttcagecgtg	120
ctgagtcagg	tccactcgtc	cacagaccag	gagatcagag	aaatgcatga	tgagcaggca	180
aaacccccaga	atgctgtgag	gtgctggaga	gatggctcag	cagttaagag	cactgactgc	240
tcttccgaag	gtcctgagtt	caaattccag	caaccacatg	gtggctcaca	accatccgta	300
acaagatctg	atgacnccct	cttntggagt	atgcttacag	ctacagggta	cttacat	357

<210> 189
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 189						
gagcacggca	gtggtgaccc	aacagctggg	gtctaagccc	agccgggaga	ccccgagggc	60
canggccttg	tctgtttagc	accgcagatc	ggaaaaaaaa			100

<210> 190
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 190						
agactgaggg	agaagagatg	ggtgactgtg	ggtgatacct	ccctgaggat	attcaaattg	60
gtgcctgtga	cagatagcaa	ggagtgtacc	atattcatgc	ctgggtgcca	ggaagggtcag	120
aagagggctt	cagatccctc	agaactggag	tcctggatgg	ctgagtcacc	atcgagggtac	180
tggaatatcaa	atccagatcc	tctgaaagag	cagcagacac	tccttagctg	cagaaccatc	240
tctccagctc	ctccacagtt	taaaaatatt	atgtattttt	atcttatgtt	catgtgtgtt	300
ttgcctgcag	aggccaaaaa	tacatatctg	ttctcgtgga	actcgaatta	caaaaaaaaaa	360
a						361

<210> 191
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 191						
cgaagaaatg	ctgtacgtgc	ccttaaatca	ctctctaaga	aataccgctt	agaagtggga	60
atccaagcta	tggaacatct	tatccatgtt	ttacaaacag	atcggtcctg	agttcaaata	120
ccagcaacca	catggtggct	cataaccatc	cgtaacgaaa	tctgatgccc	tcttctggaa	180
tgtctgaaga	cagctacagt	gtaattatat	atagtaaata	aataaatatt	tttaaaaaat	240
g						241

<210> 192
 <211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 192
 cttttccctg gtcccangac ttcccccccc ctctccaaa taccaagact atgggcttaa 60
 aantttcaaa tggngctgg agagatggnt catcnagtta agagcaccga ctgctctttc 120
 taaggctctg agttcaaatn ccancancca tatngnggct cacaaccatc tgtaatgnaa 180
 nctgatgcc tcttctgntg tgtctgaaga cagctacagt gtactcacat atattaaata 240
 aataattctt taaaaaaaaa aa 262

<210> 193
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 193
 tgaggctcgc atagccgcta aattcatcac ccatgcaccc ccaggggagt ttaatgaagt 60
 attcaatggt ccaaccctgg gacagccctg aggtgctgaa caaggagat tgctgcaagc 120
 tccattacaa cctggacgaa agngtgtctc aaaactnaaa tgaantgaat agaaccggn 180
 cgggggagggt gcaccccttt attcccacca cttgggaggc acag 224

<210> 194
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 194
 ctgaaggcag ttacattcg gagttccgcg gactcttcan aggctgtaaa aatgccggag 60
 tcacgaaagc ctgcaaagag ctgttgcttg ccttgctgct gctgctgcta ctgccgtccc 120
 tgcccgtgct gcagctgcta ctctgctgc tgctgctgct gcttggtgct gattggtgct 180
 gttgctgggt gctgtttact gtttgctgcc ggctggattg ctggattgct gattgccagt 240
 cggcgaaatc ctggcgatga agatccaact tgccccaaga aacaagacga ccctaagaag 300
 tagtctaattg atttcaatac gccctttccc cctctgaccn tttttctctt accttatgct 360
 gggggattgg aagggtggca gaaaaaagaa cccaataaag ta 402

<210> 195
 <211> 413
 <212> DNA
 <213> Mus musculus

<400> 195
 actgagggga gtacagttct ccaacactgc cccagctaaa tcatctaattg ccacagggtga 60
 caaggggcaa gaccacctct cctgtttctca tgacctaggg ccggctctcc cacctgacag 120
 aggcagcaaa aacgtagggt gtgggagggc acctctccct cactcatgct accacgtggc 180
 agacaaggga catgcagaca agggatcatgt gctcatgacc tctgtcagga tcaccaagt 240
 ctccaccatc agtgccaact ctactgtgct gctcagatca gtttcttctt ctgaagatgc 300

gctgtctttt	gcagatttca	ttgatttttt	ctttatacct	ggttcagcaa	aacaacatag	360
gaagggttaa	agacaggctc	aacagtga	atttggtata	ctttgaaccc	ata	413

<210> 196
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 196						
acctgcttgc	tccgggtgga	gctncctgct	catncatnct	accacgcccc	ctggnggaac	60
ntgaggagcc	acanaagctgc	ncctttctac	tgganacaata	nantattatg	gtgggaatng	120
ggccccctnc	cccttccttc	ataactancc	gnnanagcaa	taaaanttga	gccttgatca	180
tnangantga	aaaaagaagg	ggggggggna	nnancccaac	atggacacag	gaatcttctt	240
gatagttcag	tcaagttctc	tcttctttat	ttccccccaa	ccccagctt	atgttcctca	300
gcaaactctc	aattacagng	gggctatatt	ctatttttct	ttaagggnna	tggataccat	360
nnantttcct	aannaccctt	nanggggata	aaagggnntt	acatattaca	gggggaaaaa	420

<210> 197
 <211> 376
 <212> DNA
 <213> Mus musculus

<400> 197						
agactgagga	taattgaaat	aatcaaaaac	caaaagcagg	tggaaacagga	tattaaagtt	60
gccatcttca	cattgatggg	ggagataaac	aaaaaaggga	aagctctgct	gcaccagctt	120
gagagtcttg	caaaggacca	tccaatgaaa	ctcatgcaac	aacagcagga	agtggctggg	180
ctttctaagc	agttagagca	cgtcatgcat	ttttctaaat	gggctgtttc	cagtggcagc	240
agcacagcct	tgctgtacag	caagcggctg	ctcctgcttc	ctgacctgct	tgagttccag	300
tcctgacttc	ctttgggtgat	gaacagaatc	gtggaagtgt	aagctgaata	aaccctttcc	360
tcgccaaaaa	aaaaaa					376

<210> 198
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 198						
tggacaccct	tagtctgcaa	accaaactca	gggccttctg	tatgtggagc	atttgttgta	60
cggctgcctg	aggacgagga	aggggaagtt	actgggctgg	cttcgagaga	tatgtatgta	120
tgcttgatgc	ctgtggagtt	ccaaaggtgt	gtccccctgg	attggagtta	caggcagttg	180
tgagccatth	gggttctggg	atgctaacc	aggttctctg	caagagcaac	gagtgttca	240
accactga						248

<210> 199
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 199						
ctcatagtaa	aaagaagcga	tccgggtcnc	gcagncgnca	ttcnaagtat	ctcacctgtc	60
aggcttccat	tgaattccag	cctggggagct	gaactcagta			100

<210> 200

<211> 249
 <212> DNA
 <213> Mus musculus

<400> 200
 actgaggatt ttggcttttag agaagcttgg tgctgtcttc aatcaagtag ccttcccatt 60
 gcagtaacaca cccaggaagt ttgtcatcca ccctgagagt aacaacctta tcatcattga 120
 gacggatcac aatgcctaca ctgaggccac aaaagctcag agaaagcagc agatggctga 180
 ggattgtaag gaattgggct gccgactgta agtcatcaat aaattccttt actatctaga 240
 aaaaaaaaaa 249

<210> 201
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 201
 cctgagactg caagtggcaa tgtggaagca aaagtcgtct gcttttacag aagacgggac 60
 atctccaaca cgcttatcat gctcgccgac aagcatgcta tcttncacta nnagcctttg 120
 gangaanaca taaaactcnc anntcctnnt gcgccttgcc tgccctggata ctgccatgct 180
 ctcacctgga tgataatgga ctgaacctct gaacctgtaa gccagaccca attaaatggt 240
 gttttttata agaaaaaaaa 260

<210> 202
 <211> 442
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 202
 gatgaggtag gcacgggctgg ccantcctgg gtgcacccca aaatacagtt tgctttaatt 60
 gaacaatcac tcaaaaactg gcncaaggaa nananntgat ngngngnncn gantgcggg 120
 tcgcggtaat aaaggttccc gtaaagnnga ctgttaagaa ggattcaact gtatgaattc 180
 agaacttttc agctggggaa cgagagtacc agtgagtaca gctttacgag gtaagtccga 240
 tcttgaactt tctaacgaaa ttcaagacag tctatcagaa gtaaagtgga aaatggcttt 300
 acaagttatg tttggccttg aattttttct agtggttagaa ncccttttgt tccttttcac 360
 atgttatcaa gtggttaaag cagggcggat tctaaaggaa attcannaca agctntcana 420
 agtaaaacgg ggagaaagag tt 442

<210> 203
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 203
 gactgggatg tcctaacttc aggatggaag gaaggaaaca tgatgccata ttgaagaggt 60
 ttgtcttttg tttcaatggg agaagaagag ctacggatac catcaaatta ataaagatta 120
 gatttggcca ggggagacct cctgaaaatc ttggctacag acatgaagga aaaaattcaa 180
 gaagaccaaa aaaaaaa 197

<210> 204
 <211> 301
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 204
gactgagggg gaaactcact cgccaaacaa cgtctcgtgg tatectggct gactctggcc      60
gcttcagcag agcctggctg ttectgctgg attgtgctac tgctacagat tcatgtttgg      120
tgtttgctat tgaactgggc tgcttatatc ctgacacgga agagtgggaat cgcccaaagc      180
aagtacttct aatcagggtcc acaactccct ttgcctttaa ccttgctttt tccctacctc      240
tggttggtgg gctaaaaggg agggttaaga accccaaata aagncagttt tgaaaaacct      300
a                                                                                   301

<210> 205
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 205
atgacttgga taaagaacta aacaactaca ttatgcggtg tagggaatgg tactgaaaag      60
aaagcaaaaa aagccaagac taaaattaaa gctgaagtat aggaggagat ggaggaggag      120
gaggcggagg aagaacaggt agtagaagag gagccgactg taaagaataa aaagaagaag      180
gataaaaaaaga aacacataaa ggaagagcca ctttccgagg aggagccatg tnccagcaca      240
gcagttccta gtccagagaa aaaaaaaaaa                                           267

<210> 206
<211> 370
<212> DNA
<213> Mus musculus

<400> 206
agctgtagct gtccttccaa acaaggctat tcagagagtt ggagacaaca gaaaaggcaa      60
gctagacacg ttcagcatga gtctaggact gggctccgta atttctgtg cgtcttcaga      120
acaatctggc aaccacacag tttgtaaact gtacacctga acttccaaac ttacatatt      180
atacatacat acccatacat atggatagat acacgtatat gtatatatgt atattgtgta      240
tatgtatata aatatatatg tgtatatata tatatttata aaatgttaag acatatctga      300
tttactttca ccactacaga attatgtata ttactggaaa aatttagaaa tacttgcttc      360
ttaatagaat                                                                                   370

<210> 207
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 207
acactgagag accctgttga ctgactgagc tggtttggcc acccaccctt gaaccaacga      60
tcatcctgtc ttggtttccc aagtgcctggg attacagatn ccngngact ngcatgacac      120
ccctgtncct ttntctcgga gaccnngtga cttgcctgnc ccacagaaca cactnagcga      180
aaanctgctg nctgaataan cctnctgccc ccgtgcgtct cctnctccgt agncgtnact      240
gacggactgt ggtgac                                                                                   256

<210> 208
<211> 544

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<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 208
 ctgagccccc tgggatgata cccaacaact catgagaata atcttcatga ccgaagagtg 60
 agagaggata atgcaggaag ccaaaaagaa tgtcccttca gacacgaggg catcatcgat 120
 tgaccaggct gttatctaca gcgggtgtct cctgattaga cctggctggg actttaacac 180
 agcagaaggt aagtggcacc tgaagggtcta ccgccaggct ccattggcag gtctcaagga 240
 gggctgtact acaaccacaca aatttgacca aggtacgtga agttagacaa ggatcagatg 300
 agtcacctgc tgccttttcta gaatgactca tggaggcatt ccgtcagtat acaccctatg 360
 atcccagcag caaggagcac aaagctactg ngactatggc atttattaga ccagcttggt 420
 agagatatca ggaaaatgct tcagaggcta nagggatgac agggtaagtc actgaggggt 480
 ttaatgcagg ttgcttgagg aagtctacca taacaggggag acagggggag aaaaaacat 544
 attg

<210> 209
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 209
 gcaactgaag gaaaagctgc cctatgtggt aatgaaaaac ttaacactgt cctgcatgac 60
 tgcctatgga agaccgatga cctctgccct caagcccaat ggagaatcct agggggcgcta 120
 gctccatcca tctgtaagtc ccagaaccca agtctcagga gcggcgagg accggagaca 180
 aagtggagaga ggtggatgga agcgaaagac aagcaggaga gagagaagag accacgctga 240
 ctctcactcc ctcttcttta atacaacaaa gttgcaactt gggctcctgg atctaaatac 300
 cgcagggtcca gagaagacaa aacaccaggc atcactgcat ctcttagggg gtaccacca 360
 agacctccag gtccttcaact ccaggaaggg ccctgttgaa tatctgcaga gagatgggtt 420
 ggagcacagc ttgggtgctca gtcctggccc tgtggctcct ctgggtgtgct gtctgctcca 480
 acgcaacgtc aggggggacng caatgcgttt cctttttgac atcca 525

<210> 210
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 210
 agaactgagg gttccaagac tgccttttgg tattcaaagc ggagccgctt tggactgact 60
 ggctgccttc ctctctctcc cctctctccc ccttctgctt cagatttatt tattatatgt 120
 aagtacactg tagcagttgt aggacacact anacgagggc accagatctc attgtgggtg 180
 gttgtgaacc acccaccatg tggttgctgg gatttgaact caggatcttg cagaagagca 240
 ntcagggttc taaaccgctg agccatctnl ccagnctcct gcattccttc ttanggcacg 300
 aatgatccca gcatgggacg acagtctgcc ctcccttctt tttgagggag at 352

<210> 211
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 211
 actgagcata aacagaggcg gcatgacaag aaacnnaggc tctggagggtt ttggtggtgg 60
 tggcaccagg agaggggacac gtggaggcag ccggggaaga ggtagaggca ccggcaggaa 120
 ctcaaagcag cagctttctg cagaggaggtt ggacgcacag ctggatgctt acaatgcaag 180
 gatggacacc agctaaacaa ctgagcaaatt ccacacaagt aacaggaccc agaagcctcg 240
 cctgtgatgc ctagaggggag ggttggcaac tgaactgtgc agacaatggn ggatttggtt 300
 tgggtctttt tatttctttt cttttttttt ttnttcccgg tttaaaaaag gatntaaaaa 360
 cncctntaaa ggnttttttt tttttttttt tgggggttggg gngggntttt ggtttttttt 420
 ttaaaaaaaaa aaa 433

<210> 212
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 212
 ctgatacatc tttagatggg ggaagatttc tctgagaagt gagtatcggt cagcaaaacc 60
 tggagaaaca aaggaaagcc atgaacactt gctagataac 100

<210> 213
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 213
 gtgacaggag gccatantga ctgantttgtg gancctctcac aggtgctgca ggaggcntgn 60
 ntgggtgccnt actgnnnaaa ctgnanaang gngnnggatg atcatctcac tgacaattta 120
 gagacagaga aactgtgtga ctacttctcc acacacctgg gtgtctaccg gcccggtgctg 180
 gctgcgctgg agtctctgaa ccgtgcggtg ctactgcca tggacactac aaagctggga 240
 ggagatgnag tctcccctnc cccancctga aacctgcttg ctengggngg agctncctgc 300
 tcattcgctc tgcncgccc actggtgtan cctgnngaatt cacacncgtg cacctttcta 360
 ctggaccaga aa 372

<210> 214
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 214
 agaactgagg gttccaagac tgcccttttg gattcaaacg ggagccgctt tggactgact 60
 ggctgccttc ctctctctcc cctctctccc ccttctgctt cagatttatt tattatatgt 120
 aagtacactg tagcagttgt aggacacacL agacgagggc accagatctc attgtgggtg 180
 gttgngaacc acccactcat gtg 203

<210> 215
 <211> 100
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 215
cactgagacc aactttttaca agtctacctg ttcgagaaga aatgatggcg aaataactcaa      60
accttttcctt aaagagctgt natatctcag tgacggaaaa      100

<210> 216
<211> 430
<212> DNA
<213> Mus musculus

<400> 216
agactgagta tccttggaac tgatgatgtc atccagccag ctgctcctgt tgacccggga      60
caccacacct tagctgactc gtcccaccat ggtgacgctg tcagctcagt ctctacacat      120
ctgacagtcc agagcgcttc cccatctgct gcccgtgcaa gtcctgctcc tttggcccca      180
gaacatacag cctcggctcc ctccgcagcc ggtcctggag tagaagtcac cccactgcc      240
tcccagagtgc tgggattgaa ggtgtgtacc accacacccg gcgagtctcc ctttcttaac      300
cccatgagga taatccttcg ccaccatgat gtgctctcct aagtcatttt gggcactggt      360
agctacgcac gcacgtcttc ttttcataga caaagaaact gagaacaaac aaggtacaaa      420
acaacaaaaa      430

<210> 217
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 217
cactgagagg ctcacaggac acctgcacaa caaaggctgt ccccgatatgt aatcaacctg      60
gaccagctg tgcatgaagt cccctttccc gccaatattg atatccgaga cacagtgaaa      120
tataaagaag tcatgaagca gtatcctttt nctcatctgc tgcgagactg actcgggtcat      180
ggcaaaactgc tgnctttaat tgnntttgggg gagnggcttt gcctgtcang nngngacaat      240
acaagnagaa aactcatgnc cttttagгна atnntattaa gaggataaga tgagggctgg      300
tganatggct caacaggtna gaacactgac tgctcttcca aaggtcctga gttcaaatacc      360
cagcaaccac atggtgg      377

<210> 218
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 218
cactgaggcc aagttcacag tggagactga cccacatgt gagtttattt tgcctcacca      60
gttcagggtca cagttcacgg tggccccatg gtgtccacag tcaggaagca aagagagatg      120
gatgcttgtg ctcaacccaa cctctccttt ttatccagcc ttggatcaca gccacttca      180
tgatggagca aactgggtc atcacccaag tgcennggca catgcagcca cccagttttg      240
gactttcagc ttctaggact gtatcccatg taagcctctt tataaattat ccagcctcaa      300
gtgctctggt atagcaacag taaccaacta agaccccata actccagcaa ctaataactta      360
atgaataatt gctgacttaa tctctcatca cttggattct ataaaggtct ttggcaatca      420
tttcttatng gaanaaatat tnttnttccc aatttggggc ccnnectact ttggggnaag      480
gggggggttag aaggt      495

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<210> 219
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 219
 gaaactcctg cctatttntg tgtcttttget cctgctcctt accccttatt tgtaaggccc 60
 anccttgaag aattgcttga gggctggaga gatggctcag tggttaagag tactgactgc 120
 acttccagag gtccctgcaac cacgtgggtg ctcacaacca tctgtaatgg gatccgaagc 180
 ctctggtgt gtctgaagag actgacagta aaactcacat aaaataaata 230

<210> 220
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 220
 gactgagaga aaaaagcaga gatcgtgaaa gggaacggga gcgggaaaga gagagagaac 60
 gagaacggga acgagaacga gagcgagaga gagaacggga gagagaacgg gaacgggaaa 120
 gagagaaaga caagaaaaga gacagagaag aggatgaaga agatgcntnt gaacgaagaa 180
 aactcgaacg aaaactgcga gagaaagagg ctgcttatca agagcgcctt aagaattggg 240
 aaatcagaga acgaaagaaa actagggant ntgagaagga ggcagaaaaa aaaaa 295

<210> 221
 <211> 229
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 221
 aattgaggct tccaagactg ccttttggtg ttcaaacggg agccgntttg gactgactgg 60
 ctgccttcct cctctcctcc ctcctcctcc ttctgcttca gatttatatta ttatatgtaa 120
 gtacactgta gcagttgtag gacacactan acgagggcac cagatctcat tgtgggtggt 180
 tgggaaccac ccaccatgtg gttgctggga tttgaactca ggatcttca 229

<210> 222
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 222
 gaaattcaat agcagtacag catttgctt gcattgtgtca gnccttgggt tcaaactctg 60
 gtaccagagt ttagatctgg ttttgataaa taaataaata aataaataa caacaaaata 120
 taaaaaa 127

<210> 223
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 223
 gtccacttct tcaacagctt ttcccataga cagctggtaa ccaaaggcta taatggagtt 60
 aaaagatgga cgaagaagga aatctggaaa aagaagaaaa 100

<210> 224
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 224
 ttaggaaaaa ggtcacagga actgaagggg atgaaaggag ctaccccaca tgaacaccaa 60
 cagcagtgnc nactngcctg gacccctgaa tactcccaga ancaacaccc aaagaacata 120
 catggactta ttcaaggcct gtggcacata tctagcaaan aacttgantn tccccagtg 180
 gagaggatgt gccca 195

<210> 225
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 225
 ccaactgagg tcttgcccc tgctactctc caaaaactac tgaactggac tgctggtatc 60
 atccatggag tgtttgtgag tggactgagc tgctgctgct gacctgtgaa ctgaactgct 120
 gatttctaac aatgcagata ggatttgctc caaaaaacca atttctaaac aggtacactt 180
 cctccatata ctttcttttc cactacctct ggtgggtggt tggctagaag ggaggttaaa 240
 gcttttacta aaaagagggt tgagaaaaaa attaaagcct acancctttt attaaataaa 300
 cttttgtaat gggtaa 316

<210> 226
 <211> 227
 <212> DNA
 <213> Mus musculus

<400> 226
 gaggactctc ctgttcttgc cacatttgac tgaagaagga caacgggggc aagggtttgag 60
 gactgacagg taagttttcc tggagattca aaactgtgct tttcaacaag cattggggct 120
 caaagtcttg tcagtttgag ggcagcctag tctacaaagc gagttccagg actgccagtg 180
 gtctgttaca cagagaaacc tgtcttggaa aaccaaacca aaaaaaa 227

<210> 227
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 227
atttcttgagt ttcttggggc cangaagatg acacgantag atctagacnc tggcctagcg 60
tgacctccan agtttggncc ttgcntaaag gagaaaatta atnccttcag ttgntctctg 120
acctccacat gcgtcctgta acatgggtgt atgcatacac ataaacacac atccacacgt 180
tg 182

<210> 228
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 228
gaagaatttt catcaacaaa catcattttt aaagaaattn anggcgaaaa tggggcattg 60
ggnnncntg ggggaagggg gagactgana gaatgagaat gaatnatggc caaataaata 120
aataaa'aaa taaataaaaa 140

<210> 229
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 229
attatataca ggagtgenta aattttgtct gttacagccn cggccattag aagctggggc 60
aaagcttttc tgctactta actctgattt tatntatnng ttatatgtaa gtacactgta 120
gctgncttca gacactccag aagagggagt cagatctcat tacaagatgg ttgngagcca 180
ccatgtggtt gctgggattt gaac 204

<210> 230
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 230
actgaggcag ggcgtgagta ctcgcctgct gccaccactg cggaaaatgg ggggtggcnag 60
aagaaacaga aagagaagga gctcgatgag ctgaanaagg aggttgccat ggatgaccac 120
aagctgtcct tggatgagct gggctggcaa ggaaagggtg ggggtgtgctg gctgaaggag 180
aagaaaggaga gaaaggagag aaaggaaaga aggaaggaga gaaagaaaga aagaa 235

<210> 231
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 231
 gttgtggagg aggcagagaa tggaacgaga tgcacctgcc aatgggaacg ctcaaaatga 60
 ggaaantggg gagcaggagg ctgacaatga ggtagatgaa gaagaggaag aaggtgggga 120
 ggaagaggag gaggaggaat a 141

<210> 232
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 232
 tgaggaaaga ccgggaacga gatcgggata gagaggaccg atctaaagat cgtgaccgag 60
 aacgtgatag aggagacaga gaacgggaga gggaaaaaaa aaaa 104

<210> 233
 <211> 740
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 233
 caggcttgac caagaacctg aagcctggtn aggatgactt ggannntgac ctgnaactgg 60
 atcccatgct gnetttttgaa cagagcagggn ggatggacct taatntggac ctagacttgg 120
 acttggaacca gncanagctg gaccctggat ctgagctgga ttctgagatc caagccaaac 180
 ctgagctgga actagagctg gagcttgaga cagatgcccc gacagagcca gagacagagg 240
 aagagccaga gctggagcca gagccagagc cagagccaga gacagagcca gagccagagc 300
 cagagagaga gaggaagacc aggacaagggt ctcagagccc ctggcggaac tacttcactg 360
 cttatcgctt tggttcttca aactcccagt ctagagctcc acctcagaca cgcccagaaa 420
 agagaaagcc acataattac cccaattctc cctaaaacaa taaggatcct tggtaggtga 480
 ctgcaaaatg caggctgagt atcttggcaa atcccttctg ccctacttgg catgacatct 540
 agactgggta caaagccacc ggtcctgggt ctgtgacccc ttcatgtgctg acttnccttct 600
 tattggattc ttgggatcac atgcccacaa tatgcccang ctatgtgact tcaaggntgg 660
 caantggctt ttgggggtctg gcttcagggt ttgcanaatg nattttttaac agatttcagt 720
 gaaggcttcc tggacgtact 740

<210> 234
 <211> 291
 <212> DNA
 <213> Mus musculus

<400> 234
 ggttccctaa aatcagactc tgteatcggc aagtggagac tgtaacacga ctgggaccct 60
 cacatgccga taagcagtca agaataatctt ctgggagctg gagagatggg ctcagcagtt 120
 aagaacactg actgctcttc cggaggctct gtgttcaaata cccagcaacc acagggtaac 180
 tcacaacctat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag 240
 tgtecttaca tataataaat aaataaatct ttttttttaa agaataaaaa a 291

<210> 235
 <211> 306
 <212> DNA
 <213> Mus musculus

<400> 235
 agggagaaac tcaactcgcca aacaacgtct cgtgggtatcc tggetgactc tggccgcttc 60
 agcagagcct ggctgttccct gctggattgt gctactgcta cagattcatg tttgggtgtt 120
 gctattgaac tgggctgctt atatcctgac acggaagagt ggaatcgccc aaagcaagta 180
 cttctaataca ggtccacaac tccctttgcc tttaaccttg ctttttccct acctctggtt 240
 ggtgggctaa aaggaggagg taagaacccc aaataaagtc agtttttgaaa aacctaaaaa 300
 aaaaaa 306

<210> 236
 <211> 600
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 236
 acaatctgga gcaaaagatc ctgcaggtgt tgagcgatga cggcggccct gtgaagattg 60
 gccagctggt gaagaaatgc caagtgccca agaaaaccct caatcaagtc ctttaccgcc 120
 tgaagaagga ggacagagtg tcctccccag agcctgcaac atggagcata ggcggggctg 180
 cttctggaga tggggctcct gcaatccctg agaactccag tgcccagcct agccttgatg 240
 aaagaatatt aagattcctg gaagccaatg ggccctcacag ggccctgcac atcgccaagg 300
 ctctgggaat gacgacagcc aaagaagtga acccactcct gtattccatg agaaataagc 360
 accctctgag ctatgacgga cagacgtgga agatctacca ctcacgtcag gaaggccaag 420
 acatagtctt gccatgtagc cctggatgtc ctagaactca ccattgtagc caagctggtc 480
 ttgaaccac agagatcttc ttgcttctgc ctattaaatt ctgggattaa agcaccacta 540
 cacctggaaa aatatctttt aaagnengta aaataaatga acaattaaag aatgcattct 600

<210> 237
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 237
 gtggaactag actcttggac ttcccattta cagctgtcca ttgttgggac tagcggctca 60
 ttcagcacca tggagagtgc caccatcagc cctcagcccc cacagtctga ctccctggag 120
 gcccttcccc agaagagcat ggagcctgca gacatcgctg tcctagtctt gtacttcctc 180
 ttgttctgc ttgttggatt atggccacag tgaggaccaa acgaagacac agtgaaaggn 240
 tacnttctgg cttggaaggg acatgg 266

<210> 238
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 238
 atctcagcgg ttctatagca cgctccagat gtcaaattaa acctcggtgt aagcggagat 60
 ttcataaag aatctacagc tactacattt ctgagacaaa gaggctatgg ctggctttta 120
 gaagttgaag atgaggatcc tgaagataac aagccacttt tgtatgtgaa agancatgta 180
 atttgngtnt taagacctaa tntgnaggat gcttatgtnn nttttanaga cagatgaaga 240
 aaatgtnagc ctttntggng aaaaatanta nagatgaaat cganaaaact tttggtgaaa 300
 aacagagatg gctcancagn taagagnget tcctgctggt tgagagagct tgngtttggt 360
 ccagcactgt atcaggcaat gcagctgcct atagctccac atctgacttn gtacacttat 420
 agaaacacat acacaaataa atctttttta aaagtaaaa 459

<210> 239
 <211> 277
 <212> DNA
 <213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 239
gagtgatcga agaggagcca tgatggntaa acttctttaa aagaaagaac gacaaactgg      60
ctttccttga tgcctttgaa cctgagtgca gaagacttag ggacaatgga tagctaaaat      120
ttatttatat ctgaagttgg gtggcagggg gcactccaga ggcagaggca gaggcagggg      180
gatctatctc cgagtctgag gtcagcctgg tctacagatc gagttccaag acagccaggg      240
ctacaaagaa aaatcctgcc tcaaaaaaatg gaaaaaa      277

<210> 240
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 240
aactgaggaa ggtgacanat ctctggaaan ggngctacat atgattcnan gacaccatgn      60
ggatgctggg natgaaantg ggccctctct gaanaacann ggaagaacgg ccaatgctct      120
tagcagacga agcctctcca gccctnccct cacaaccctt agtgttatca agagactagc      180
aaaccttcan ggggtcttca actaaataat acaatgagtt ttgcctttaa agagcacact      240
gctgggctgg tgagatggct cagtgggtaa gagcaccgga ctgttcttcc gaaggtttga      300
agttcaaate ccancancca catggnggct ccccccccc ccccc      346

<210> 241
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 241
ccactgagct taaacacaac tgaagtctgt ctgtctcaag tgtattaatg acgcctgccc      60
aangtggtgg gaaagtcctg gaaactgcaa tcgggggctg gtgtgatggc tcagtgggta      120
anagcaccga ctgctcttct gaaggctctg agttcaaate ccagcaaccg catggtggct      180
cacatccatc cgtaacaaaa tctgatgccc tcttctggag tgtctgaaga cagctacagt      240
gtacttacat ataataaata aataaatctt taacaaaaaa aa      282

<210> 242
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 242
gatcactaga cgggagatgc tgccaagngc cccagacggg atcaagactg caatgacaac      60
cataagatnc cctaaagcta ggacactgca aaaaaaaaaa      100

<210> 243
<211> 398

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 243
ggtcctctga acaatctaca agaacaacta cagcngacac ctcagcgcag gaaaaccnta 60
atngntnnnn ccagcctttc aaaacccaaaa tntttagggt ttacctttta gcatgggtaca 120
ttactgngaa aacataacgg aatgcagaag aatacagctt ttagcttact ttgggtgaaaa 180
aggattcaac cctgattttt gtaagaaata cccagatgtt tcttgtgaca attgctgtaa 240
aacaaaagggn aattacttaa gtggngatgc aggcctttta tcccagcact tagaaggcag 300
angaaggtgg atctctgaaa tcaaggccag nctggctctac acagagaggt ccaagacagc 360
caaggctaca ttatgaaacc caatctcaaa aaaaaaaaa 398

<210> 244
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 244
agctgctggg gcttgtgctg ttcccaagcc aaaggggaagg agagtgcnag gaagaactag 60
tgggtggagtc ccggtatctg caatatgaca agaaagcnaa naagggtccc cctggcctnt 120
ganaaagaac atcaaagatg gcttaacctc tgtagtggct attcctgggt gtcaacttga 180
ctatatcttg gaatgaacta caatccagaa ttggaaggct caccantgac cctaactctg 240
aggctgggag atagaagtnt ctaanctgga tcttgggtat gagatcttga ggcatagtgg 300
ctatggattc cagaanatta agacagggag atctccgagt tcaagggtcat ctgggattaa 360
aggnatggng gcacataatc tgggctacac cttctgctgg agaccatata aggacattgg 420
aagaagggag nctcactctc gctcctttgc ctgcttg 457

<210> 245
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 245
actgagattg ggacaaaaca cccatgggaa ggagttacag aggcaaagtt tggagctgag 60
acaaaaggat ggaccatcta gagactgcca tatccaaaga aattaaagat ctcagaagat 120
gctcttcaca gaagccagtt gtcactctct gaactgctct aatgaaaagc aaggaccaaa 180
ggatggctga gggccaacag ccacggagaa aatcaatcct gtcattgcga gtgggtctgg 240
acgcacccctc ttctttccag tggagccaga ggtggcacca gcttgggcta agcctttgaa 300
tgtggacttg caaggactca gccaaagtgt gtctagatta ccggccaaaa gacacctgta 360
agagttaagt tgggngttgg tagttgctca cttttggagn aatttattac tanttcatag 420
ataaccaata aagagtcttt tctcg 445

<210> 246
<211> 169
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(169)
 <223> n = A,T,C or G

<400> 246
 tgcggccata attgttcccta ttgccaaacc aagttctgtg ctcgatgtgg aggnccgagtg 60
 tccttacnct caaacaagct attgtctatt ggcattcttta ttcaccattc anaattaact 120
 tgggnatggg tcccaaaagc tatgancccta ttccaaaact tgaaggcca 169

<210> 247
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 247
 tgagggtgatc cctgactaac agcgtentca atgentctgt cgcattcaag acatctgngg 60
 ggtttctgnt ctttttaagt tttaaccnc tggaggatg anggtttcgt cacacctgca 120
 aacccnggcc gntcacgggt tctcacggga gtggcttgnt tctagctctg gatctgtgac 180
 tcatgcagaa acccaaatgg aatcatcttg cantagttga aagtgttcc tctgaagata 240
 ccagggttttc attgagngg aagcaaggna cctgactctc aaggnnacan ngtgacccat 300
 ttagaggcct atgnntaatg tataccgna atgctatnan gcctgtcgag atggcncanc 360
 aatnaagagc actgactgct cttccagang tcttgagttn aattncag n aaccacatag 420
 tygctcacia ccatctacia tgtgatctga tgccctctt 459

<210> 248
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 248
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 acccctactt aactctgggt aaagggtgtgc accaccatgc ccggctntnc acaganaatn 120
 nttattctta gcatggtagg ctcttctctt tggatcattt tattcattnt actacacagn 180
 anagntctta ctaaaagact ttttncacca tttaagaaaa aaaaa 225

<210> 249
 <211> 385
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 249
 actctcaaag agaaaaaggc tgtgctcacc aacntcctgn tgcgcttgc gtcattccang 60
 ggaggttagac aagagaacct ggagcttttg ggttaaattc ttttactgag gagggattaa 120
 aagcacaaca ggggtggggg gtggnatggg gaaagnnct caaggatgct gttcancatg 180
 agcngacct ggatgtcnct catgatttgc gannttaant tactgcnntg acantnctca 240
 cattgtgtcc tctaanaacc ggttaagccn ttgtananag ancagcacag ctggccatca 300
 gagtcaccaa tcccaacgcc aggtacgca ncgaagaaaa tgagtagatg gcttgtgtgc 360
 atgtttttat gtttaaataa aaatg 385

<210> 250
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 250
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 aattacggta cagataattg gactaaggtc aaggaccctt attgaagagt taggaaaaag 120
 gtcaaaggaa ctgaaggagg tgaaaggagc taccacacat gaagaccaac agcagtgtca 180
 actaacctgg acccctgaat actcccagaa acaacanggn nngaacatac atggacttat 240
 tcaaggcctg tggcacatat ctagcagaga acttgagtat cccagtgagg agaggatgtg 300
 cccagttctg tagagactat ataccaggta gatacctggg gaggtcaccc tctcagaggt 360
 aaaatggagg gaagacagag tgggggaattc tgggaggggg taatgggaga tgggggcaata 420
 tttgggatga 430

<210> 251
 <211> 351
 <212> DNA
 <213> Mus musculus

<400> 251
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 aggaagcagc gtggagggtg ctgaggatgg agctcggtcg gtcggatgct tgcttcacag 120
 acacaaaaca acccagggct gcagagatgg cccagtcctt aagaacattt ctgttcttcc 180
 caaggacctg agtttgggtg cagaatccac agctgggtgt ccgtaatagc ctgtaacttc 240
 aacttcctgt cactccagct ccaggggatc caatgccctt tcttggectt cctgagcacc 300
 tgcatacaca tcacagacag acagacagac atataaataa aagtaaaaaa a 351

<210> 252
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 252
 aagaaagtct cgccaacaga tggaaatgaaa tggaaagagaa aatgtcaagt cttgaagaca 60
 aagtagaaaa atggatcgat catccaaaga ctatgtgaac tataaattaa aaatctaggc 120
 attcagggaa tctgggacag tatgaagaga ccaaattctat gaataattga tatagaggaa 180
 ggagaagaaa ctcaagtgaag agccacagaa aatatctttt aacaaaaaatc atagaataaa 240
 aaatttcaaa tctaaagaaa aaaaa 265

<210> 253
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 253
 agactgagga ggaatttllct cagcaaacat catttaaaag gaaattaatg gcgaaaatgg 60
 ggcattggga aaccatgggg gagggggggag actgagagaa tgagaatgaa taatggcaaa 120
 ntaaataaat aaataaataa ataaaaa 147

<210> 254
 <211> 498
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 254

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tcccagagac	ctcccccant	cagatcagaa	gtcccacctt	ccntttgctg	cccagctacc	120
agacattaaa	tccttatttan	gncagaagca	taancagnac	nnatagnenc	antncaccct	180
catactcagc	nntnnngctgg	aacagaanta	acaantgaat	aacacaatng	gcnaccttca	240
agtagtgenc	cccaacacac	atgacaaggg	tgctttgagt	aggtttggcc	tccatagatt	300
catgtattnc	agtgccttggc	cataggaatg	gcactagtag	gaggtatggg	cttattgaag	360
aaggggtagc	tttggttgaag	gaagtgtctc	actgtgggga	tcagctttga	agactcttat	420
gctcaagcaa	tgcagaagac	agtcacctag	ctgccgtcag	atcaagatgt	agaactctta	480
gctcctccag	caccatgt					498

<210> 255

<211> 389

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 255

tgtgggtctc	cacggcacan	ggctgagtgg	ngctggacng	gngngngtgc	tnagtccatg	60
tcaggacaca	caggacactg	gtgcagcttc	attctagact	gaatcaccaa	agagcaagca	120
cngggctgga	cctaggcccc	ctgcataatat	atagcatgat	gagccacttg	atcttcatgc	180
aggtctccca	aacaactgga	gngggggctg	tccttgagtc	tggtgcctgc	ttgtggatgc	240
tgcgccctta	aatggacagn	cttgtctggc	ctgggtggga	gaagatgtgc	ctactnctcc	300
tgcagggact	tgatgtgcag	ggggcggggg	tgggggagtg	acatttgana	tgggggcttc	360
cccttctgtt	tgagaagggg	gatggggga				389

<210> 256

<211> 416

<212> DNA

<213> Mus musculus

<400> 256

gactgaggaa	ggaaatgaag	tgggctagtc	ttgcgcaccg	gactcgacca	gcaagaacga	60
cgctgcaaca	ggatccttct	gcacacgttt	attgggagag	cttgattgca	gaggcgaaaa	120
gaccctgagc	ccagaactgg	tgtctgcttat	ataggcctag	gagaggcgtg	tctcacaccc	180
ggattgggta	tgcactatgc	ctcatttgca	tgctcctcat	ctgattggct	actctctctc	240
tctgtacctc	acagagcctc	gttatcatac	ctcatttgca	tgtctcacat	ctgattgggt	300
atactctcaa	agcctcatta	tcatgcccg	gccaggcagt	gtctttgcaa	aaaactttac	360
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<210> 257

<211> 305

<212> DNA

<213> Mus musculus

<220>

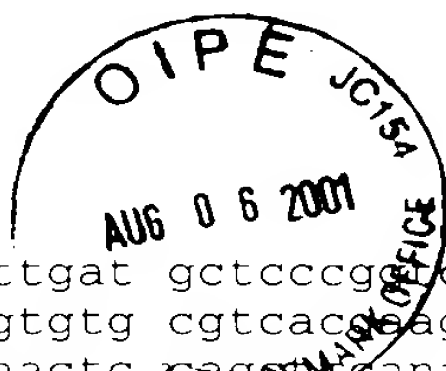
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<222> (1)...(305)

<223> n = A,T,C or G

<400> 257

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cctgtaactc caggttcana	ggacccaaca ttctcttctg	gcctccgagg ncatctgcac	240
cctccncca ccccgncnnc	atgcatagcc aagattaaaa	taaanccttt tttctttttt	300
aaaat			305

<210> 258
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 258	
gagttgctgc aaacagctct	cctggngcca agggatgctc
atctcatatt tgaatcatcc	60
cgacctcac tgagcagaca	gctcccagag taacactgac
tcagagagaa ggaattcgag	120
tcacctggga tatttaaaat	attctagtag ccacgtagtt
taacagaaag aaaaaaa	177

<210> 259
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 259	
gggttccaag actgcccttt	gggattcaaa cgggagccgc
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tcctctctct cccctctctc	ccccttctgc ttcagattta
tttattatat gtaagtacac	120
tgtagcagtt gtaggacaca	ctagacgagg gcaccagatc
tcattgtggg tgg	173

<210> 260
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 260	
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tcagaccaca cagccgtcta	60
gaagaacaga aaccagctga	gctatctgga agagcttttag
accaactgag aactgagga	120
ggacactctc cagcctgttg	agctgcctgc aggctgtgca
gtgtgctaca agttcccagc	180
ggtgtgagct gtcacccatg	ctgggggtggg cctccgggat
gcagctgtct ttgagtcatt	240
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taaccccaat aaaactcatg	300
gcttaccaag t	311

<210> 261
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 261	
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actctccctc ctagtgacng	60
caatgaattc gaccacagaag	aagatgaacc taccctaaaa
	100

<210> 262
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 262
 aggtacctga gaggaccaga agatgggtgtc agatcctcgg gagctggaat tgctggcagt 60
 tgtgtgttgc ctgacatcat gagtactaga aagttaactc aggtatctat ctataagagc 120
 agtaagtgtc ctttaaccact gagcagtggtc tctaaccctaa catgatagat ctgtatatat 180
 aaatacatat agataggaaa ttataaaaaaa 210

<210> 263
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 263
 ggggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tctctctctt cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgttagcagtt gtaggacaca ctagacgagg gcaccagatc tcatttgtggg tggntgctac 180
 cnnntntcca tgccgaanga gggggatcac anatagatat agagggtgaaa ataaagatct 240
 cagttac 247

<210> 264
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 264
 gatgtcccag gctccggaca acctgcaagc cagagacgct acagaaactg gaaccanacc 60
 ctggtnenct tccagaaaga nngatngatc gaaagaatga aagaaagaat ggcaaaaatt 120
 aagggtcacc cnggggggctc caagcctatg ag 152

<210> 265
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 265
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 tctctctctt cccctctctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgttagcagtt gtaggacaca ctagacgagg gcaccagatc tcatttgtggg tggttg 176

<210> 266
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 266
 tcagcaaaca tcatttataaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg 60
 ggagggggga gactgagaga atgagaatga ataattggca aataaataaa taaataaata 120
 aataaaaa 128

<210> 267
 <211> 426
 <212> DNA
 <213> Mus musculus

<400> 267
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 ggcccacca tggactcctc cccgactctg cccactgaa aacgtcacat ggttatttta 120
 gcaaattggac gttcaggtag accccctttc cagcccttat cccaggagcc cccacgagta 180
 acatatgaga agcttctctg ttcctttctt aaaactaact tatggggctg gagagatggc 240
 tcagcggtta agcgcactga ctgctcttcc gaaggctccg agttcaaate ccagcaacca 300
 catggtggct cacaaccctc cataatgata cctgatgcca ttttatggag tgtctggagt 360
 cagctacggg gtacttaaga aataataaat aaaacttagg ggggaaaaaa accctaactt 420
 aaaaaa 426

<210> 268
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 268
 ggctggagag atggctcagt ggttaanagc actgactgct ctccagagg tcctgagttc 60
 aattcccagc aaccacatgg tggctcacia ccatctgtaa tgggatctga tgccctcttc 120
 tgggtgtgtc gaagacagcg acagtgtact catataaata aaataaataa atatanntaa 180
 aaagncnnan tnncatnctn nnanntnnt ggactcanct acagtttgcc tcccaaaatc 240
 cagggtaaac actgcaccac tgaactgtgt ccccccagggt accatcacag agaatggcaa 300
 aaaatgagcc cacatatgca tgccaacaga gtctgatatt ataggcttgn tgttttggaa 360
 tcttaacccc ctggatctg 379

<210> 269
 <211> 390
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 269
 gccctgcaca cagacaaatg tatacattct tggagaagac taccttcttc caggtgatga 60
 cgggggtggg cacagccttc acctcacagg aaaggaatac ttgagtccca gtgacattgt 120
 gaatatctcg agggggcatg aggaccacgg gagctggaag acaaaggaa aaccctgtga 180
 tgggttgcat atgctcagcc cagggcttta agacgctcct cctggctgcc tgaagttagt 240
 attcccctag cagcctgcag atgaagatgt agaactctca gctcctctg caccatgcct 300
 gctgggatgc tgccatgctc ccaccttgat gataatggac tgaacctctg aacctgtgaa 360
 caattaaatg ctgnccttat aagaaaaaaa 390

<210> 270
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 270
ccagcctgaa acctgctngc tcggcgngga ggcttctctg tcattccttc tgnacgccc 60
actgntggaa cctgaggagc cacacacgtg cacctttcta ctggaccact anataatata 120
ggcagggaaa tctgggttgc cctccccctt acttcataaa tgggnagttt caacnataaa 180
atgaagagcc ttgatcagaa aggtaagana atgagggccca gntnaagatc gnnctgatcc 240
acggacacca agttattccg nggggagaca tggctagctt agccctgctg 290

<210> 271
<211> 355
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 271
cgagcctggg ctagaggcca tanattactt cttgaggaac tctnanangn cgagacaggg 60
aaggcaaaga acaaagaccc naaggaaann ctgcagnctg tttatgagtg tatagagaaa 120
acgtgtgaga aacttggaca gctcaatatt gatatttcca acatcaaagg tatttttatt 180
gagaattttc ctctatagtc cagctctgcc aatcccatte atgaattcat tctttcagct 240
tataataatt gagtctttat aagctgcaag cctttttggg ttttgtttgt ttgtttgttt 300
gtttgttggg gagactttgt gggaagaaca ataaacaaga ttctcagttc ccgtt 355

<210> 272
<211> 234
<212> DNA
<213> Mus musculus

<400> 272
agccaggctg gatgaagaaa acttgaagaa gattttccgg gaggttcaga taatgaagat 60
gctttgccat ccacacatca tcagactcta ccagaggctc tgagttcaag tcccagcaac 120
catacaatgg ctcaacaacca tctgtaatgg aatctgatgc cctcttctgc tgtgtgtgaa 180
gacacctaca gttactcata tatataaaat aaatattctt ttaaagaaaa aaaa 234

<210> 273
<211> 283
<212> DNA
<213> Mus musculus

<400> 273
cctggccctt cagaagtggc gccccgactt gtgcagcaag gtggcccaga tccatggcat 60
tggaggagat gtagtctccc ctccccccagc ctgaaacctg cttgctcggg gtggagcttc 120
ctgctcattc gttctaccac gccactgct ggaacctgag gagccacaca cgtgcacctt 180
tctactggac cagagattat tcggcgggaa tcgggtcccc tcccccttc ttcataacta 240
gtgtcgcaac aataaaattt gagccttgat cagaaaaaaa aaa 283

<210> 274
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 274
gaggcaccct aggatacatt tccacacagg ccttgtggat gccatctct actgcctgaa 60
gaagnacgnt gtggatttnt taatggagaa tagcagaaca gnttcctaa atgaccancn 120
ncacctana nencanttcg caganactat ccccagctgg cnnaagnac gcctctggta 180
gagcacaagg aggatcaaatt ccccaaacct gggattaaaa tgaangcaca ttcttatatt 240

aaaaaagaa

249

<210> 275
<211> 410
<212> DNA
<213> Mus musculus

<400> 275
actgagggtcc tactctcgcct ctcccagcta ttctgtccaag tctggcaaag aggagccac 60
ctagcagaag ctccaggtct cgtcgaagtc ccagctactc tcgctacagc cccagcaggg 120
aacgggacct aaagtatggt gagaaagaac cacagccccc agaacgtgcg cgcaggaggc 180
gacgggtccta ctaccccatg aggaagcgca ggagagactc cccaagccac ctggaggctc 240
ggaggataac cagtgcgccg aaacgcccc accccacta ccgacccagc ccttcctcgt 300
ccagcagcct cagcagcgcc tcttcctggt acagcagcag cagcagcagc agcagcagta 360
gcagccgctc ccttagccgc agttactccc ggagccggag tccctggcct 410

<210> 276
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 276
ccaattgagg ccgacttggg ttgaggtaga gctcngggca tgaggccata attacntggt 60
gtggaactct aannggtcgg acaggaagaa tcnatgcntt aaanaaagac atcnctncat 120
tgtgatttgt tcttgcccca ccctaactga tcaatcgacc ttgngacatt ccttccttgg 180
acaatgagtc tcatgatctc cccaccctgc accttgtgac ctccacttct gcccaaaaga 240
gataaccacg tttaactgtg cttttccact gcctacccaa atcctataaa actgccccgc 300
cctattctc cctttgctga ctcttttttc gtactcagcc cgcctgcacc caggtgatta 360
aaaagcttta ttgctcacac aaaaaaaaaa 389

<210> 277
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 277
tgggtgggccc acctancacg cgtgcaaaan gctcncggg tgctcaactt nttctagtc 60
caactgcgta cgtgcgaccc acggaggcaa taaatatcca 100

<210> 278
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 278
actgaggctc attctccacn aagtgtcac cngtctttgc gngggatgag agancacagc 60
gcngngnang ctnagagatt nttcatecnt cctcggaagt gctngancan catnttcagc 120
ttgtcttctt gcttgaccac gataagctac aggcagaagg cagatggtaa ggaagggcaa 180

atggtaagga	agaacgcata	cacgcgtatg	ctccctcccc	agcttccttc	ctgatgacct	240
gacaagaaat	ccaggactca	gagcagggct	actgcgctga	gcataagagt	acttgtctgg	300
agctggagag	atgatggctc	aatgggtaag	agcactgact	gctcttccga	aggtcctgag	360
ttcaaatect	aacaaccaca	tggnggctca	ccaccatect	taatgaaaac	tgatgccctc	420
tt						422

<210> 279
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 279						
aggttgtctc	ggagcaaagc	tcagatacga	ccctggaatt	gatttacaga	attgccagct	60
gcccacatg	gattcttgga	accanacctt	tagaattcaa	caaacaaaacn	acccaggggg	120
ctggagagat	ggctcagcac	tcaagagcac	tgactgctgc	tcttccagag	gtcctgagtt	180
caattcccag	caaccacatg	gtggttcaca	accatctgta	atgagttcca	atgccctctt	240
ctggtgtgtc	tgaagacagc	gacataaaat	gaataaatct	ttttaaaaaac	ccaaaaaaaaa	300
aaa						303

<210> 280
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 280						
caagactgcc	ctttgggatt	caaacgggag	ccgcttttga	ctgactggct	gccttcctcc	60
tcctccccct	cctccccctt	ctgcttcaga	tttattttatt	atatgtaagt	acactgtagc	120
agttgttaga	cacactagac	gagggcacca	gatctcattg	tgggggcgct	tctggataga	180
ggctgtggca	gaagtttgac	gggcccttnn	tttgcttgca	agggatggga	tgtgggct	238

<210> 281
 <211> 339
 <212> DNA
 <213> Mus musculus

<400> 281						
ggcactccag	ttaagagatt	acctcaaate	tgaaataagg	ctttggactt	gtgaacagta	60
ttggaattgt	tgaagaatat	ggggactttt	gaagttgtcc	tggacatatg	tttgcattat	120
aagatgacaa	tgaaggctgc	caggaaaact	cagaaagtat	tgtattacct	tttgacttga	180
gttcaatccc	caaagccaaa	gtgtggaagg	agagagctga	ttcctgcaac	ttcttctgac	240
ttctatagca	ctcacatata	tggggcacat	gcatgagtat	gcacacacac	acacacacac	300
acacacagat	cgaaaatagt	tgtataaaaa	aaaattaaa			339

<210> 282
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 282
gagcctcttg tgggcagtea caagcccacg gattccacca gtgaccccag gcctgctcac 60
atgagtgaag cgttcctccc catggccagc agcagagcgg actgaatgct gggtagacagg 120
ctggcctcag actccgggtgc tcaaggatat tcttgcttca gggtcccaaa tagcactgca 180
cactgcacac gtgaatcccc atgcctgatg gtggatnnct gagttngagg ccannctggn 240
ntacanaagt agttccagga cannngngc tacacanaatn aaccctatct tgaanaacac 300
attaacaaaa ctgacaaata aatgttatcc tttttaacag gtaatagaga atggccccc 360
ggggacccctg naaaaggggac ttntaatcca tcaacatgga gcttgagtct tcttggggaag 420
aaaaaaa 427

<210> 283
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 283
ctgaggggac tggagagctg aaggagcgcc agcttctcca gaattggact tctcagaacc 60
tttaatatgc taatgtgcat tgtgaatctc caagatgggg atatgatatg cagcattctt 120
gaatacttct aatgacaggg agcccactac ctcataagta aaccagaca aacagagata 180
atttaacaga aaagaaacat atatcggggg ctggagagat ggctcagcan ttaagagcac 240
tgactgctct tccanaggtc ctgagttcaa ttcccagcaa ctgcatgggtg actcacagcc 300
atctacaatg tgatctgatg cctctctt 327

<210> 284
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 284
agactgaggt atctgagcgt nngagtcaan ctggattggc aatnggggta gcatggactc 60
ccttgggtgg cannatnatg tttgggggaan cangnttaat ggnccgtgaa ngccaactan 120
cactgaccgg ncannttggg gacgtnttga aggantctgn ccactctnanc ntnagntgcn 180
ttgaaagcna tgcaaacaaa taccacctga ctaatgcttt tggaagtttt gatcttnttg 240
acaacacaga catcgtgaga tgccaggact tgnaaggnga angngngtnt cactcctggg 300
ccactgccaa ggcttangca tgaaaacttg acatgcggga ctggagagat ggcttanttg 360
ttaanagcac ttgctactct tgcaga 386

<210> 285
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 285
gactgagctt ccctggggccc ccgagatggc tgctcttctg ggcgtccctt ccctgggccc 60
gggcccagga cactgctgct gcgcaagagt ctccaggatg gctttgggtt caccctgcgc 120
cacttcactg tgtacccacc cgagtcggcc gtgcactgca tectgaagga ggaagagaat 180
ggaggccgag gaggaagagg aggaggagga ggaccctccc cagggcaccg cctggagccc 240
atggacacca tctttgtgaa gaatgtgaag gaatgtggcc ccgcccacag ggccggggctt 300

cgcacaggag accggctggt gaaggtgaat ggggagagca tcattgggaa gacctactcc	360
caggtcatag gtctgatcca aaaaaagnga cnacaccctt ggactntnta ttatgcccac	420
ggacgaagga catcctccag ctggccta	448

<210> 286
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 286	
ccctcaaagc tcttgctcgc tctgngatga agattgggcg gatngaggat gtcacccccca	60
ttccctctga tagcactcga anaaaagggg gtcgctcgcg	100

<210> 287
 <211> 268
 <212> DNA
 <213> Mus musculus

<400> 287	
gcttaagtgtt aaaacactga ggagttggca tccattggaa gaccttgaga tctctcagc	60
tcagaactcc aggaccgatg catcttccca ccaccttgaa gcaactgaaac aacaagaaaa	120
gcccggcggtg gtggcgcaag cctttcatcc cagccatcgg gaggcagagg caggcggatt	180
tctgagttcg aggcagcct ggtctacaaa gtgagttcca ggacagccag ggctacacag	240
agaaacctg tcttgaaaaa ccaaaaaa	268

<210> 288
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 288	
agaactgaag ccctacgat acatttncca caggccttgt ggatgcccac ctntactgcc	60
tgaanaagta cgtngtgat ttcttaatgg agaataagga acaggcttcc tacatgaccc	120
cancacctta cancacattn gnaganacta tcccnagctg gcataagtca cgcenctgct	180
tgagcacaag gcaagatcaa atccccaaac ctgggattaa aatgaaagca cattcttat	239

<210> 289
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 289	
taagacactc aaaccttggg ggttgccgnc tttggcnggn ttatggttga nnetgcentc	60
nnentcttnc tgntgtcanc attctccatg aaggagacgc cctctgaaaa aaccttgc	120
aaccagcgca aggagatggc gaaaactcac caccagaaag gagagaagaa aaagaaggag	180
aaaacctgtg agaagaaagg aaagaccaag aaaaaaaaaa	219

<210> 290

<211> 312
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 290
 gaccatgaca tgagcagacn gtcggacagc tactaataac acctctgatg gaacgctttt 60
 tgcaggatgt tctgcgacac cacccatata attaccaaga caacagatct gcaccaaagt 120
 agccagagggc ggcggcagca ggcggcagcag cagcagatcc tggatcacct gaagtgggtgg 180
 tgggttttgga tgattctgat gagaaggagg atgatactgc agatagcggg gcagagagga 240
 actccgagga ttcaggatct gttgaagaga tagattatag acctgggtact tctcaggaac 300
 acgcagaagt tt 312

<210> 291
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 291
 cgtcctggga gagagatcgc anaangagcc cgctcaagat ctcccacccg aagacgctcc 60
 aggtctccaa gacgacatag atccacatct cctcccccct ctcgactgaa agaaagaaga 120
 gatgaggaaa agaaagaaac taaagaaata aagaacaaag ancgnggat cactgnggaa 180
 gacctggagg gtaaaacaga gggcaccg 208

<210> 292
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 292
 acaatctctc tccttaagga acttaatcac cctaatatcg gggggctgct ggatgtcatc 60
 cacacagaaa ataagcttta tctgggtttt gaatttctgc accaggacct caagaaattc 120
 atggatgcct ctgctctcac gggcattcct ctccccctca tcaagggtcg acaagatagc 180
 tcagcaggta aaagagcctg gctncaagcc tgatgacctg atggcctgaa ctccaccccc 240
 aggttccaca caagaagaac acggnacttc tgcaaattgn cctctgactt ccacacatgc 300
 actgtggcat gccctgccc gctctaaata caagaaa 337

<210> 293
 <211> 417
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 293
 actgaggtct gccctgctgc tgattcgtgt ttgetatccc agcactactg aactggactg 60

ctggtatata	gtggngtagc	tgcaagtgga	ttgagctgct	gctgctgctg	acctgtgaac	120
tgaacggctg	atttcctgac	aatgcagatt	ggatttgctc	caaagaacaa	tttctaaaca	180
ggtctatttc	ccctgtctcc	caataacctt	tcttttctac	tacctctggt	gggtgttggg	240
ttagaaggaa	ggtcaaagca	tttaagaaca	attattaaaa	ttagggctgg	gaaaaatgta	300
agcatataca	caatgcactg	tggcatatat	ggtcattgtg	cacacatata	catgtaataa	360
tcattgtgac	cacatataca	tgtaataagt	gaatatgntt	ttttttaatt	aaaacag	417

<210> 294
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 294						
tgatacacac	aggcctntga	ggaaattnta	atatgttctg	gaagctctaa	agaaaagcaa	60
gagtgcctgg	cagtgggtgga	ggacaccttt	aatcccagca	cttggggagga	agaagcaggc	120
agattttctga	gttcaagacc	agcctgggtct	acagagtgag	ttccaggaca	gccagtctca	180
aaaaaaaaaa						190

<210> 295
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 295						
aaccctagat	tcacggacat	gccggaggag	ttcaacatgg	ncacacacga	ctgtcacaga	60
cggcagattc	tgaacctaca	tcgtgagcgg	aagatgtagc	ctttctacag	gacgcacga	120
gatgcaaggc	aataccgtgt	catagaatgt	cgtaccaccc	aggacgaggg	tgtccccggg	180
gccgaggagg	acacggagcc	agaccttcag	caccagcttt	cagaccccaa	aacctgcgac	240
ttcttcatcc	ccaacagccg	cctgcgcagt	atcaatatga	gcctccgagc	gccccctctt	300
cctcctactc	gaactctcag	gccccagca	ctcaggaggc	agaggcataa	agatctcctg	360
agtttaaggc	caggtctaca	gagtggagtc	caggatagcc	agagccacgc	ggtgaaaccc	420
tgtctcaaaa	agaaccaaat	taaaccaaat	caaaccacaa	aaaa		464

<210> 296
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 296						
ctcttgtggc	ctctctggac	acagtatgcg	catagtgcag	agaaatacan	cctgaaagct	60
ggncnnggtg	gctgtatgcc	tttaatccca	gcacttgnga	ggcagangca	ggcagatttg	120
ngagtccang	gncnncctgg	tctacaaagt	gagttccagg	acagccagng	ctatacnngn	180
aaaccctgtg	tcgaaancca	gcatacatan	nancgannga	cnagaanaca	gnnttcaggat	240
tcttaentat	aataantaaa	tcttttnttc	aaggatggaa	ctccaccctt	tacttgggtn	300
taagtatgta	tggaatgtn	tgataggaca	tannaatagn	ggncagatgt	ggaaatggna	360
gggagacaaa	tatacatgtg	aaataaact				389

<210> 297

<211> 609
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 297
 gagccttgct gacccaggct gnaacatcac tgaaaagtgc caccccaaca tgattttacaa 60
 cnttgaatgc ctgcgngngt ngngggccct gnacagtacc gngcagnacag cctacaccac 120
 tcaatgnaag agtcctctcc tccattgctg gnccttgatc acatggctta aagctaatat 180
 tnacctttgn ttctacgcc aaccaaagggn gaatnccaca tctntgntca catcnggggn 240
 nctactgaaa actgancctt caagcttact gaccgnaaag gatgacttat cggatatatg 300
 aggaagacac attctgnntg agctctgcnt gcctcttccct tgtgtaactg gttcttnttg 360
 aatattcattg natggagacg ccnccatgag cattcttcaa cttccagaca gggtttccct 420
 gannagctct agctatcctg gaactatatn tgtagnccaa ggaagcctcn aacccacagn 480
 gatctgnccg cctctgcttt ctgacatgct aggaataaag acacatgcca ccactaccac 540
 tcancactca aataatatat ccttcttccc cctgtaatte ctttccaact cccctcccat 600
 ctgaatctt 609

<210> 298
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 298
 tgagtgttag gagaattcat gcattccctgt gaagatgaca tegtgtgtaa atgtaccacc 60
 gaggagaaca aggtgcccta cttcaacgcc cctgtttact tagaaaacaa agagcaagtc 120
 gggaaagtgg atgagatatt tggacagctt aaagattttt atttttcagt taagttgtca 180
 gaaaacatga aggcattctt ctttaaaaag ctacagaagt tctatataga cccatacaag 240
 ctgctgccgc tgcagagggt tctgcctcgt cctcctggng agaaaggacc tcccagaggt 300
 ggcggcggng gcggcagggg aggtcgagga ggaggaagag gaggcggtgg ccgaggtggt 360
 ggaagaggtg gtggtttttag aggaggcaga ggaggaggtg ggggctt 407

<210> 299
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 299
 acatgacctt gcaagttccn taggnngggg gccattatca tnatggcatt aantgcacag 60
 naggatccag gcgggcatag ctgctggana ngctgagagt tcnatatctt gctctgaagg 120
 ccaacannag atgtcttccg ntcaactagg nggaggggnt ctggangccc nccncacan 180
 tgacatactt ctttcaacaa ggccacacct tccancagga gccnccctcat tggcggagca 240
 tantcaaac accacaagaa gtcagactcc caccnanggg atgaggcata agcctctata 300
 actgcatgag aaataaaaga cagaggccgg 330

<210> 300
 <211> 356
 <212> DNA
 <213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 300
ttgcctcctc actttcctgg gcattcctnc gagatctcct gcctctcaac cttngctagt      60
gtattctctt gtgcctggga cgataccttt gactcatctt cgactgacct aatggagaga      120
gcttggggctt tggaggcaga gagacctggg ttcggatttt ggcttcacag cttattattt      180
ggacaagtcc tttggaaaag tatttaacat tctggagccc cagcttecta acctgtaaaa      240
atggagatga taacacctac cttgcagggt tgttgtaagg attaactgaa attatatatg      300
tatctaattgc aattaacata tagtcaataa atgacacgtc gctgtaaaaa aaaaaa      356

<210> 301
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 301
tgcacaggccc actgctggan cctgtggagc cacacactgn gcaccttttt actggncan      60
agattattng gccgggaatn tgggtccctt cnccttctt tgataactgn nngnnagnag      120
cagnanaant ggagntttga tcacgaagan gatnangaaa gaggtatnca catggccctt      180
aggctaaagt cacacagcca gctcttgctg gctgtcaaag gctcttgatt ttctctcaga      240
gcattttatt tcactttgat ttgggggaaa caaaagtgga ggtacaatca atccttgctg      300
attgtgaagg tcaaaaaaaaa aaa      323

<210> 302
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 302
gactgagtat tactgcgact atcaaaaagta ggntgttgac atgggagaca cccgggcggg      60
caccaaggct ggattncatc acggcatgga atgagcctca ccaaggcttt tgaaaatgtc      120
cttccgnnct ggagagatgg ctcannggtt aagataaaca ccaacaactt ttccagaggt      180
cctganttca aatcccanta accacatggg ggctcacaac catntgnaat agggctctgat      240
gccttcttct ggtgtgtctg aagagagcaa tgggtgtactc atatacatta aataaataaa      300
tcatttaaaa aaaagaa      317

<210> 303
<211> 175
<212> DNA
<213> Mus musculus

<400> 303
gtagtagctg gcaaccctgt ggaccttggc gacctaatgc taacagctct gacagactag      60
tgctaacaac ttagcaacaa agcatcaaga agcctggggg ggcaggggat gggcctcccc      120
cctttataag agcagactct tagtaaactt tgggccatga ttggaaaaaa aaaaa      175

<210> 304
<211> 261
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 304
cttcttctgtgg aaatctgaan ncacggacgg gnaacactgc ctggtctcca tancaggaac      60
tacagccagg tctcttgaaa gagcagccag tctctttaac ccccaagcca tctctccagc      120
ctgagagtgc gtgtctttat catgagaaga caaacagcag tggagttggc aagctgcctc      180
agtgggtaaa ggtacttgct gcaaggcttg cagcctgatt tcgattccca gaaccagag      240
aatagaagtc cgaaaaccaa c                                     361

<210> 305
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 305
tcttctctctt aggaggctng cttcactggg gccccctnag nnaggnggtt gaaacctctt      60
gnacccatt atttcttttn ncatncnctt tnatgcttct ntccggaaca gtcagcggna      120
gtngaaacct tnttccattn ggtcctcgtg gcaanggcag agattgctcc agcagctcca      180
cacagtatgc aagacatctt ttataattnt tgntttttga aatggggngct cactgnatag      240
ctttggctta cctgtaacat tctcttgctt ttacctctg agtgctggga taaaaggcat      300
gnaccaccta tactcaagaa ta                                     322

<210> 306
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 306
actgagggca ggtgagatgg ctcagcannt ataacagntt gttgcacaag cctcaggacc      60
tgagttcaat tcccagaacc catggaaaag atggaaggag agagctgact tgacaaaact      120
gtcttctgac cactgtacac ggactggagc cagggactgc attgtacagg aaaataataa      180
caatttgtat gaaaaaaaaa a                                     201

<210> 307
<211> 200
<212> DNA
<213> Mus musculus

<400> 307
gttggatctc ctggaaacat gaatcacaga aaggtgtgag ctgccattcg ggtcccagga      60
actacagcca ggtcctctga aagagcagcc agtgctctta accccaagc catctctcca      120
gcttgagagt gcgtgttctt atcatgagaa gacaaacagc agtggagttg gcaagctgcc      180
tcagtgggta aaggtacttg                                     200

<210> 308
<211> 247
<212> DNA
<213> Mus musculus

<400> 308

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gactgagaat	gttggcttcc	agagcgctga	gcctgattgg	caaagagagc	catttctact	60
tcgggtgtgcc	ttcgagcaca	tggtgagcag	gactttcact	cccttccttg	cccttttctt	120
tctcctccct	ttggtttttc	atgacagggg	ttctctgcat	ggctctggct	gccttggagc	180
gcagagactt	aacctgcctc	tgactcccat	gttctgggat	taaagatgtg	caccgcaaaa	240
aaaaaaaa						247

<210> 309
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 309						
agtttaactc	tctggagacc	ttcttgcaac	aggagacaaa	ggtggcagag	ttgttatattt	60
ccagcgggaa	caagagcacc	cacatggcgg	ctcacaacca	tgagatctga	cgctcttctg	120
gtgtgtctga	anacagctac	agngtactta	catataataa	taaataaatg	tttaaaaaat	180
aaaaa						185

<210> 310
 <211> 183
 <212> DNA
 <213> Mus musculus

<400> 310						
ggacggtgtg	gaaaacaaga	acagagagat	atgccaaagga	atgctgacca	taatcagaag	60
ctaaaagagg	caaagaacag	tctctctcct	agagcctcca	gaggggcctc	aatatcttga	120
ttgcagactt	ctgggctcca	aaattttgag	aagaataaat	tcctcttggt	ttaaaaaaaa	180
aaa						183

<210> 311
 <211> 601
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 311						
actgagggag	gagtacgtag	tatcccntct	centgggtcng	ctacctnntt	gataggaant	60
ggnnntgann	gntgattnca	cctgnncnc	tnantggggn	aacctgnnga	gccanncacn	120
tgennctttc	tactgnacca	gagattattn	ggnggnaatc	gngtccctc	ccccttcctt	180
nataantgan	gnagcancaa	tnaaatttga	gccttganca	gaagntaaaa	naacacttgn	240
tgctgangag	ggactgtntt	ccantgaatg	ccnangtcac	agagttaga	aatgcgactt	300
tcagctcatt	cctccattg	ttggacaagg	atcccttgcc	ccaggacttc	tctgtgaaga	360
tggtctccact	cttcaaggac	ttcatgacca	cctataaccg	gacttatgaa	tcaagggaag	420
aagcccagng	gcgattgact	gtctttgcaa	gaaatatgat	acgagcacag	aagattcagg	480
ccctggaccg	cggcacagct	cagtatggga	tcaccaagnt	cagtgcctc	acagaggagg	540
aattccacac	catctacctg	aatccctctt	tacagangga	gtctggcagg	aagatgagtc	600
c						601

<210> 312
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 312

cagtgtggac	tteccacgea	ctgengatgg	tgacctgnct	ggcnctgtgc	acnctnaact	60
gcnnggaccat	nacttttnagc	cantgaggcc	tgngngaacce	atnttcaage	ttttcancgg	120
agaanacgtn	ctgtatgang	gggactccat	tgngtaccct	gtgtgnatta	ntgaggcnag	180
ccantnnnga	acatnctctc	atggcctntg	catcagctcc	tgctccctga	cctgcttgag	240
ttccagtcct	gacttctctt	ggtgatgaac	agcagcatgg	aagtgtgaagc	cgaataaacc	300
ctttctctcc	caaaaaaaaa	aa				322

<210> 313

<211> 289

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 313

gagcctttgt	tctctaggct	caaggtgctc	cagtgagtga	gacaagcgag	cgaaaaagca	60
gctccagaag	gcctactcaa	gaaaagaaga	cctgggctgg	tgagatggct	cagtgggtaa	120
gagcaccgga	ctgctcttcc	gaaggtccga	agttcaaadc	ccagcaacca	catggnggct	180
cacaaccacc	cataatgcca	tctgatgccc	tcttctggta	gctctcttca	cacagtgtac	240
ttacatataa	taaataaata	aataaataaa	taaattctta	aaaaaaaa		289

<210> 314

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 314

gcagaggcct	ggctgtctct	gttggtacgn	gccactgctg	ctgattcctg	tctgctgtcc	60
tgactctatg	gacctggact	gctgggtgtac	ccatgaagtg	tttgtgagta	gacggagctg	120
ccactgctga	cctctaaacg	aaactgccga	tttccagaca	acacaaatgg	gagttgctcc	180
aaagaacctt	tctaaacagc	tccacttgcc	ccatatacct	tctttgccac	tacctctggt	240
agatgggtggg	ctaaaagatg	ttaaaacatt	taagaacct	cattaaaaat	agatttaaaa	300
taattaaaat	gac					313

<210> 315

<211> 441

<212> DNA

<213> Mus musculus

<400> 315

atggagcaac	tatccgatga	agagattgac	catgggtgctg	acaaggaaga	tcaggacctg	60
gataaaatgt	ttggggcctg	gcttggagaa	tccagctcca	gcattaaatc	cggatccagt	120
tcttccagta	tcccgagtc	tcagtcaaac	cactctaate	agtctgacag	cggagtgtct	180
gacacctgc	caactggaca	tatccgttcc	caaagtaccg	tgagctccat	cttctcggaa	240
gcttgggaagc	gaggcactca	gctggaagag	tccagcaaga	ggaccagagt	tcaattccca	300
gcacctctgt	cgggcaactc	aaaaccacct	ataactccag	ctccaaagga	tccaatgtcc	360
tcttctggcc	tccaaggcac	ctgaacatgt	gtggcataca	tacacttaaa	taaataaaaag	420
tagattttta	aagaaaaaaa	a				441

<210> 316

<211> 294

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 316
gctgccatgg cgtcacgcat cgggctgcgc atgcagctca tgcgggagca ggcccagcag 60
gaggagcagc tgagagcgca tgcagcagca ggctgtcatg cattatatgc aacagcagca 120
gcagcagcag cagcagctgg gtgggcccc caccacagcc ntcaccnccc ctgtacaccc 180
cnanacntnc ctntntgngc ctntnggctt ctctgtgctn ngtagacccc aaatgatggg 240
aaacagtttt cttgttttaa gaacagtaaa gccattctat atacaaaaaa aggg 294

<210> 317
<211> 219
<212> DNA
<213> Mus musculus

<400> 317
cccaagtcct gccttcacgc caccatgctc ccactatga taagtggact acacctatga 60
aaatgtgagc aagccccagt aaaatgtctt ctttggttgt ggctcataat catctgtaat 120
gggatatgat ggactcttct ggtgtgtctg gggacagcaa caatgtactc atacaatcaa 180
tcaatcaatc aatcaataaa taaataaatg cagattcag 219

<210> 318
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 318
aactgggaaa cgtaggtctg aatggagatg ggctgcagac cgagcagcta ttgtcagccc 60
gctggaactg gcttcaggcc catgtttctg acttggaata tcgaattcgt cagcaaacag 120
atatttacia acagatacgt gctaataaga tatttgtgct tggaaatag cctggatcat 180
ctgcaagagc agtaattgca cttaaccctt gagccgtctc tccacactgc atgctgtgtt 240
ttaaactgtt agtatggggc tgggtgaggtt atttagtggg ttagcgtgct tgctgccaac 300
caagcatgat gacccaaatt gaatcttcag gacttccatg ggtggaaagt gactcatgtg 360
agttgncttc tgggtgtactt atangcatgg ggctgtgcaca tgcenacata aataaaggga 420
aaataaaaatt taatcttttc ctatctttac 449

<210> 319
<211> 424
<212> DNA
<213> Mus musculus

<400> 319
tgaatcgacc agttttgaga ggagaagatg gggacaaagc ggctcctcct cctatgtcac 60
gcacagctgt ctgggattcc tatgccacca ccacctatgg gacttcccc tctacagcct 120
cctccaccac ctccaccacc tccaccaggc cttggccttg gctttcctat ggctcacca 180
ccaaatctgg ggccccacc acctcttcga gtgggtgagc ctgtggcgct gtcagaagaa 240
gaacggctga agctggcaca gcagcaggca gctttgctga tgcagcaaga ggagcgtgcc 300
aagcaggcag ctgtgttaat ggagcaggaa cggcagcagg agatcgccaa gatgggcact 360
gcagtccttc ggccgcctca ggatatgggg cagctgggtg tccgtactcc tctggggcct 420
cgcg 424

<210> 320
<211> 558

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 320
 tgagcatctt gccaaagtcc aggcactccc tacacccagg gacagctcca gagaagcaac 60
 ctccagatgc tccaacctcc tgggncggnc ncagacactt caactggact tgttccttct 120
 gatctatcca cagaccttgg acagcaagga aagagccaac tcctaagact gaacaaactc 180
 ccccatatcc attctttctag gttccctaga gacacatggc cccaaagcca gcaggaagtn 240
 ggcagatata acaatgacct tattttctgt tcaccatcac ccttttctaa tcttttctct 300
 ttttaattctg gctaagctcc gcccacagc tacctggcaa caggcagggtg tgcctgacct 360
 actataaaaa ggggcccgtt gcccctcct cctgtcttg ctctctctct gctctcttgc 420
 tttctgtctac ccttcccccc acccccacc cccaancccc gngctcatgg tcaagcctct 480
 tctctacttc tctctctnct tctctccctn tntctgnctt tctttgctnt actacctct 540
 aaactcccat ccccatgt 558

<210> 321
 <211> 489
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 321
 gactgagggc ccacctgtct ggaaatggat cgttcttact gaacttcgca ggctgcgcag 60
 tgtgcagtaa gcgggacttt atgctgatca caaacagatc cctgaaagag gaagatggag 120
 aagaaatagt tacctatgac catctgtgta agaactgtca tcctgtagta gccagacacc 180
 gagtatacat tcagcatcat ggatgaattt caggaatata ccctgctgtg tctgttgtgt 240
 ggc aaagctg aagatactat cagtattctc cctgatgacc cccggcagat gactctgctg 300
 ttctaagcct cccgtgggtc tcttgtaact gtgttggtct gggtttaaata agagcaagcc 360
 tagggctgga gagatggctc agtgggtaag agcaccgcac tgctcttccg aagggtccgaa 420
 gttcaaatcc cagcaaccac atggnggctc acaaccatct gtaacaagat ctgactcctt 480
 cttctggag 489

<210> 322
 <211> 448
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 322
 tgaggagctg gtgagatggc tcagcagtta aaagcactga ctgctcttct gaaagtcctg 60
 agttcaaate ccagcaagca catggtggct cacaaccatc tgtaatgaga tctgacacac 120
 tcttgtgggtg tgtctgaaga cagctacact gtacttattt gtaatcataa ataaatcctg 180
 ggcgggccgg agctagtgga gtgtaccaga gcgagcagaa gtcctaaatt caattcccag 240
 caagctgatg aagcttcggt acagctacag tatgtactca ctacataaa ataatgatt 300
 aaattcttaa aataaataaa taaatctgat tctattatna aaatttgcta ctacagntta 360
 aacttctaat ggactctnga tcttagtgcc ttattgggat aaatactttg cacagatttt 420
 tntncctrtg gnagctatgt ctcatttc 448

<210> 323
 <211> 360

<212> DNA
 <213> Mus musculus

<400> 323
 gtggacatcg aggccctgtg ggtggcccta cagcgtggaa gggatgaccg agctttggga 60
 catgtccctgg aaacctaaagg tgctggagct agaagagact tgatagcact tcagagacca 120
 tcaggctgtt tcgtggaact tccaccaaag agatgcagaa atggagactc cagagctgga 180
 gagagagaga tgactcaact gttaaaagca ctgactgctc ttccagaggt cctgagttca 240
 attcccagca accacatggg ggctcacaat tatctgtaat ggggatctga tgccctcctc 300
 tgggtgtgct gaagacagtg atggtgtact gacatatatg aagtaaataa gtaaattaat 360

<210> 324
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 324
 atctgaggac cccggcgaga cgcagnnggc gccaaagagct tcattcttggga catgtatgcg 60
 cgcgtgtacg cgagctgcgc agagccccag gacggtggca ggaaaggctc ccgcgcgcgc 120
 cgtctcttcg cacacttcac ctgtgccacg gacacgcaaa gcgtccgcag cgtgttcaag 180
 gacgtgcggg actcgggtgt ggcccgggtac ctggacgaga tcaacctgct gtgacgcggg 240
 acaggggaacc ccaagcgcga cgcgggtcgtg gcgaggacat acctccccct ggtggccgcg 300
 cgtggaactg caggtccagg agctgccaaag tggggaagcc agcccacagg gagagagtcc 360
 ctgcttccta ctggggcccc aagcccagct cccctgtaat ttattccctc gcccttcttc 420
 tagtttggtg gagaaaggac atgagccggg tctttaaccc cagcgtccg gaggcagagg 480
 caggaggatt ttctgtgagt tccaggacca tgttttcaaa aacaaacaaa 530

<210> 325
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 325
 agactgaggc tgtttccctt gcaatttgtg cagttgtttg tgcattgatga gagccgncag 60
 cagctcaagg tcaagtcccg aactggccgc gccttctact tgcaactgcg ctctcctnca 120
 gagaccgcg actgcgagtt tgnccgctgg ntgcggntgc tctaccgcct gcgattccac 180
 tgcgccacct gcgcagtgc cttcacgcac gaggacactg ctgcctgang aagaggagga 240
 gtaggagngg gaggagggtc anaantcagg cgagatgagg gaggacagcc ctgagtggca 300
 tcacagggtc aggatggngg ctgttttacac agngctttct gctttccagg 350

<210> 326
 <211> 315
 <212> DNA
 <213> Mus musculus

<400> 326
 cccctccaa ggaaacagcc cacctggaaa cctcctcctt ggaatgggtg agcctcccat 60
 aagcctgaag caggctgagc caggcttgac tttgttgcca ctaaggagat cacctggggg 120
 ggagcctgcc tccctggatc actctattgt tctgccactg ccactgctgc cacctgctgc 180
 ctagctgttc tggagcctac acgtgggtcac ttgcagctgg gctccaagaa tgatttggcc 240
 gggaatgggc ttccccctct cctttataaa gcgtgtccgc cattaaaaat ttgaaccttg 300
 atcagaaaaa aaaaa 315

<210> 327
 <211> 422
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 327
 gaactgagga agaagatgag cctgaagtc naacgcagg gaattcatgt ggatcaatnt 60
 gagctcctgt gcaagaaagg atgcggttac tacggcaacc ctgcctggca gggtttntgc 120
 tccaagnct ggagggagga gtaccacaag gcccgggccg aggcagatcc aagaggactg 180
 ggaactggca gaacggatat ttgatcacac tgtgaacctc angattgggn tatttactga 240
 aantaactgg tgggctggca agatggctca ccctgtaana gtactgatcg ntctttctga 300
 acatcctgag ttcaaagccc ttgcaaccac ccgtaatgag atctgacgcc ctcttctgga 360
 gtgtcagaaa acagctgnag ngnacttatg tataataatt aaaaaaattt taaaaaaaaa 420
 aa 422

<210> 328
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 328
 tgagggtgggg tcttttcattg tcagcgcctca tttccctgct gnaagcttgg cgnagccggn 60
 nanagctgcg ggggtgaacat tgagaggnac cggcatagca tccgctccgg ctcttcacgg 120
 agaagatggc cgagggcgag cggcagccgc cgccaggctc ggagttcaaa tcccagcaac 180
 cacatggtgg ctcaacaaca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa 240
 gacagctaca gtgtacttac atataataaa taaataaatc tttaaaaaaaaa aaaa 294

<210> 329
 <211> 460
 <212> DNA
 <213> Mus musculus

<400> 329
 aactgaggct ggcattgaac ttgctatgta gctgagatgg ccatgaactc atgatcttct 60
 tgcctcttcc tccaagtgc ctgggttaca ggctgtgct actatgccc a gtttgtgtag 120
 tgcagaaggt caaattcagc atttccccgc ccgagaggct agcactgtgc caactgattt 180
 gcatcgccag ccacaaagtg aagctggagc cctgcgtcag aagtctagtt ttataggcaa 240
 ctgtcctgtg atgtcagcgg tgcagcgcgt gtgccacctt atttagctaa gcagatcgtg 300
 tacttcattg ggatgctgaa ggagatgaat gggtctcgag tgaatgtggc agttaaacat 360
 accttcattt tttggacttg catatttagc tgtttgaaca gagttgtttc ctttctgaat 420
 tccaagata agactgctgc agccccatca caatateccag 460

<210> 330
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 330

aactgaggtg	aagcatggct	aaaagcctgc	ggagtaagtg	gaagaggaag	atgcggggccg	60
agaagagaaa	gaagaatgcg	ccaaggggagc	tcaacagact	gaagagtatc	ctcagagtgg	120
acgggggatgc	tctaataaaa	gacgttgagg	agatagcaac	cgtgggtggta	gccaaacctc	180
gccaggagaa	aatgcagtgt	gaggaagggc	nggtgtgacg	gcgcagatga	ggaaaaggat	240
gacatgaaaa	tggaaactga	aattaagaga	aacagaaaga	ctcttctaga	ccagcatggc	300
cagtacccag	tgtggatgaa	ccagaggcaa	agaaaaagac	tgaaggccaa	gagagaaaag	360
aaacgaggga	aaagcagagc	aaaggccgcg	aagggcctgg	cctggtagac	cttaaagact	420
ggcaagggag	acaggcgtgg	tgggtgcacc	ctttcatccc	agcactcaag	aggtggaggg	480
aggtggatct	ctgtg					495

<210> 331
 <211> 445
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 331						
gttgatggga	acaaacacag	agacccacag	ctgcacantg	tgcagagact	gagaaacctt	60
ggaactcgca	gncctaaatg	ggatgtgtcc	atnagatntc	tcntgctann	gactcagggg	120
actctggcag	aaagactgta	ggagccaacg	agnatgaana	ctgccacacc	acctccngtn	180
agatctgngt	gacangttcc	acagactgag	gcgattgacc	tcaaaaagggg	gaggcctcat	240
ggacccagtt	gtggaactct	tgggaggagg	aaaaatattg	agccgtagnt	ctcatggcaa	300
tatatctgtt	ttgnttntcn	ttattccttt	tcttattttac	atgtncctgg	nagctgaggg	360
caaggtctta	agcgagaata	atgggtanta	aaccatccnt	anagatgggg	ccactancat	420
gancttctnc	ccagggaatc	aaagc				445

<210> 332
 <211> 382
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 332						
actgagccta	aattgtatag	atctgtgatt	gaagatgtta	ttaatgacgt	acgagnacat	60
ttttctggat	gacggagtgg	atgaacaagt	cctgatggaa	ctaaaaactt	tgtgggagaa	120
taaactaatg	cagtctaggg	cagtagatgg	atttcattca	gaagaacagc	agcttttggt	180
gcaagttcag	cagcagcatc	aaccccagca	gcagcagcat	caccaccacc	accaccagca	240
ccagcaagcg	caacctcagc	aaacgggtacc	tcagcaagca	cagacccagc	aggtcctcat	300
tcttgcatcc	cagcaaggtg	agaaggctgg	aggtcctgtg	tgtgccttac	aagttacact	360
tgtcttttga	aagtaaaaaa	aa				382

<210> 333
 <211> 382
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 333						
tcctctacaa	ccacatcacc	ttctncatca	tgatcctcta	cctnactgaa	gctgantcca	60
cagtgtctgc	tgatccaana	ttgtcatcgg	aggaggctga	accgtttcac	ccntgcggg	120
nganactccc	aggcngnact	catcgtanct	ggnaccccat	cgggggatatg	ccaaacacac	180

tggcagttct	cctcaaacgt	gacaccagca	gncttcaccc	agcannaaga	ccaagcagcg	240
ccactccaga	acgcagagcc	ccctccaggc	cttctcccag	attacctgat	tttgattnaa	300
ctttgggaag	gggnatctgt	ctaaaaanaa	atcntccatt	tcattctagat	tttccagttt	360
tggcnaatat	aggcttttat	aa				382

<210> 334
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 334						
cgggcagcga	tgatgtgacg	aacgcagggt	attctgcagc	caatttcta	tcaatttttcg	60
ccaactccac	gggtttctct	gtagccctgg	ctgtcctgga	actcactttg	tagaccaggc	120
tggccttgaa	ctcagaaatc	tgcttgcctc	tgcttcccga	gtgctgggat	taaaggcgtg	180
ccgcacacac	gccagcaaat	aaataaatct	taaaaaaaaa	aa		222

<210> 335
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 335						
ggaactcact	gcgtanatng	ggctggcctt	aaactcactg	anattngtct	ttntcctgcc	60
tgctgaaatt	aaagtngngc	gtcacccctga	aaaaaaaaaa			100

<210> 336
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 336						
tgaacaagaa	gatgtccacg	tccaagagga	aagccaggat	gggcaagagg	aagaagtcac	60
ctgttgaaga	tggtggacag	agagagtcag	aaaaaaaaaa			100

<210> 337
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 337						
actcctctga	gagacttgca	gcagttggat	ttagccgggg	caccgtgtga	gcagtgacgg	60
atggctttac	ttcatgaatg	tgtttgagaa	tctgaagcag	ttagtgtttt	ttgactttag	120
cactgaggag	ttcttaccgg	atgcagcact	ggtgaggaaa	cttagtcaag	tgttatccaa	180
gttaactctt	ctgcaagagg	taaagctcac	gggctgggag	tttgatgact	atgatattag	240
cgctattaaa	ggcaccttta	aactagngac	tgcttaatgc	acctgtgcc	ccaaatactc	300
caggactccc	tcacttccag	caaatcatta	aaagctacgc	agaagtgggg	ccacagagct	360
ggctcagagg	ttaagagcac	tggtctctct	tccagaggac	ctgggattga	ttcgcaccac	420
ctacaagggtg	gctcacaacc	atctgttaact	ccagttccag	ggggatccaa	cattttctga	480
tct						483

<210> 338
 <211> 406
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 338

gattcttcga	cttcacatcc	acagctgccc	attggtgggt	tagctggact	acaaattggc	60
actgtctcca	gtccgctgtc	ccttcctaac	agaggcacct	gttcctgggtg	gcacagttcc	120
tgggtggcatt	cagagtgcc	gggaaagcaa	caggaggagg	aagaggggag	caggtctgag	180
aagcagaagc	gcattctgggtg	gtgaccatcg	ctaggaagag	aaggaggcaa	ggatcgggcc	240
aggagaaatg	atgtccaaag	tcaaacnagt	catacaagat	ctcactgtgg	agaaagacaa	300
aggnggggag	gcctccagac	ncagtgaaga	anaatcccac	cttctggaaa	gaggnanaga	360
ccaagaatcc	tggaggttat	gtcaaangga	aagtcaggcc	gacttg		406

<210> 339

<211> 253

<212> DNA

<213> Mus musculus

<400> 339

tttgagccct	gaggcctgggt	gaacccatct	tcaagctttt	cagcggagaa	gacgtactgt	60
atgaggggga	ctccattgtg	taccctgtgt	tcattaatga	ggcaagccag	taaagaacat	120
ccctccatgg	cctctgcac	agctcctgct	ccctgacctg	cttgagttcc	agtcctgact	180
tcctttgggtg	atgaacagca	gcattggaagt	gtaagccgaa	taaacccttt	cctccccaac	240
ttaaaaaaaa	aaa					253

<210> 340

<211> 379

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 340

tgagtggcag	cccagcagca	gcagcagcag	cagtgggagc	aggaacagca	gtaacaacag	60
caacagcagc	acagccgcct	cagagctttg	gctcctgagc	cccctgtggg	ctgaaggcat	120
tgcaggtagc	ccatgggtctc	agaagaagtg	tgcagatggg	attaccgtcc	acgtggagat	180
atggaagagg	accagggatt	ggcactgtga	ccatgggtcag	ctggggggcg	ttcatctgcc	240
tggctcttgggt	caccatggca	accttgtccc	tggccccggc	ctccttcagt	ttagttgagg	300
ataccacttt	agaaccagaa	gatgccatct	catntggaga	tgattgagga	cgacacagat	360
agctccgaag	acgttgtca					379

<210> 341

<211> 303

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 341

tatgctagtc	actctcctaa	ctgtaaatca	acactaagag	cactagaagg	ttaaagggtca	60
aggagactct	cacaaaggat	ccaggaatct	ccagattgat	ttccagaatg	gttgaccagt	120
ttgcaattcc	acaagcaatg	gaggagtgggt	cctctttctc	cacatcctgg	ccagcaagtg	180
ctngtcacct	gagtttttga	tcttanccat	tctgattggg	ggaagggtga	atctcantgt	240
tgttttgatt	tatatatttc	tngatcacta	aagactttga	acattttctt	tgaaaaaaaa	300

aaa

303

<210> 342
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 342
gactgagtac cgttccccag ctgaagagtt ctgaatccac gccggatcct tctcaacagt 60
ctgtttttacg ggaaccttta ttaaccactc ctcccccggt atgcagttct gaatcctccc 120
tgttagcaggg ggtcttcgct cgtgcctgaa agatgtttct tgtccccggg ctcagcacca 180
cttggttgac gcgcccccaa ctgcgcagca agaacgacgc tgctacagga tcctttctgca 240
caggtttatt cagtcctatt tctttcttgt ntatatctcc cttgtttata tctccccctgn 300
tlatatcttc cttgtttata tctcccaata ataacaatcc tctctcgaat aataatctc 360
cctctaagaa aagaaa 376

<210> 343
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 343
tatctcacac cacagctatg caatacctag gaanangata ctgategcct ggaactangg 60
aaacaagtgc ganagntnng ctnanngtaa atntacttan gnctanagga nccctcgggc 120
gagctatacc tggactcctt ggtggngatg acagacgaca ggctgattgg ntgctagcca 180
ggaccacnet tctccttggt ctgggtctnc tccaaactgc nacttaatgc acctgcaatg 240
aaaanggcc cacaccagta accagatgct gcantgagcc gntttatatt gctattacaa 300
ctgggcanat nagacaattt taagccangt ggnggngatn tatgtctttg attctagcac 360
tcaggaggca gaggcaggtg gatctattga gttagaggcc agcctgggtc atagagttag 420
tccaggaca gtctgtgtt 440

<210> 344
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 344
ttgctagggg tggagcttcc tgctcattcg ttctaccgcg cnaactgggt gancctgagg 60
agccacacac gtncaccttt gtncctggann agantattt cangaggga tggggncccc 120
tcccccttcc ttnataanna gttgncctnn canngantn nganccttga tcagantact 180
nacanaaaga aagactgntn gnnnaaaaat ggctgttacc ttgagaagaa ttttggatgc 240
ccaggctggg gaanaaggga ctgacantgg accatcttcc tagaactccc anctaaatac 300
ttnaggacac atcttntgga atgnatttna cttttgaggg ggaggagaa attgacttat 360
tgattcctaa attctttgca ggatcagaan gncngccttt gttacagagt naacacagaa 420
ccaacact 428

<210> 345
<211> 325

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 345
gactgagatt gacaattgcc ttttttgcac tctctgggct ggatatgctg gactccttgg 60
atgtggtgaa caaagacgat ataatagagt ggatctactc cctgcagggt cttcccacag 120
aagacagtga actanataat nnggtgcttg ctcanagnna tnnattgnat ggatnnacn 180
accnnnaatg gnggagccan agaaagnagc caangngctg aaggngtctg cntccctata 240
ggtcnaacag anagtgcnaa ctaaccanta ccncanagc tngtgtatct agctgnatat 300
gtancaaang atggcctagt cggcc 325

<210> 346
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 346
agactgccct ttggtattca aacgggagcc gctttggact gactggctgc cttcctcctc 60
ctccccctcc tcccccttct gcttcagatt tatattattat atgtaagtac actgtagcag 120
ttgtaggaca cactanacga gggcaccaga tctcattgtg ggnggttgag tacnncnng 180
catngcnqnt agggncgatn ggnactcagg gataanannn ntgactagct cttggctntn 240
anccggaana tacantatgt gcnngctant gcacttcata tattaaggca atgaatgatc 300
cnntcatygn acgacagtct gccctccctc ctttttgagc cattttccct ctttcaccat 360
atactcaata aaataagtaa atgaaaaaaaa a 391

<210> 347
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 347
gactgaggat aacgcgtatg gagtgaaact ccccnctgca gggttgcctg ttagcttcct 60
gaggtctcag cggagatatg gactgtggga gtgacacttc anggactggg aggctgtggc 120
cttgctggca gaagtgcac acagggacag gcccagtagt ttctctccag tctcctctcc 180
agcactactt ccgtcttcct gccacaatgt tccctgaaat gaagataatg aactgaacct 240
tagaaattgt aagccagccc caattaaatg ttccattta tttaaaaaaa aaaa 294

<210> 348
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 348

actgaggtga	tgtacaactt	tttgacctec	agaaaagctc	acagcaaacc	cacagtttct	60
ataacacaaa	cccaagatgg	aagtcctgtc	tactgtctcg	agtttaacag	ccagcagaca	120
cagctcttag	ccgctgggtga	tgctaagggc	atgggtcaaag	tgtggcagct	gagcacagcc	180
ttnacagaac	aagggccccc	ggaggtggag	gacttggatc	agntanaanc	agaaatcact	240
acctgagggc	tggtgagatg	gctcagcggg	taagagcact	gactactctt	ctgaaggtec	300
tgagttcaaa	tcccagcaac	cacatgggtg	ctcacaacca	accgtaatga	gatctgatgc	360
cctcttctgg	tgtgnttgaa	gacagctaca	gtgtacttac	atataataaa	taaatctttt	420
taaaaaaaaa	aa					432

<210> 349
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 349						
cctttatttaa	ccgctccttn	ccangatgca	gntntgaatc	ctccctgtaa	nnataggggt	60
ccttgctcgt	gcctgaagat	gttncttgtc	ccgggtttcn	gcaccacttn	ttgcgcgcgc	120
tcgactggcc	angaagaacg	acgcttcaac	aggatccttn	tgencactgt	ttattgngag	180
agcttnattg	tanaggcnaa	aagacttttt	gcccagagct	ggcgcgtgct	ttataggcct	240
aggagaggcg	tgntcatac	cctgattggn	tatgcactaa	gcctcatttg	catgttcctc	300
atctgattgg	ctactctctc	tcagtacctc	acagagcctc	attatcatat	cncattngna	360
tgctccacat	ccaattggct	actntattag	naccttacag	aanctgatta	tcatgcctgg	420
gccaagcagt	gtttttgcaa	aanncttttc	ctgcataatg	at		462

<210> 350
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 350						
aagagcccac	tcccacccgc	tcaacacaa	cctccacatc	agcatgttcg	aagtgggtcca	60
agagcactcc	aacagggagt	ctgacttggt	ctttttggat	cttcagacag	ctccgatctg	120
gggacgaggg	ctggctgggt	ctggacatca	cagcagccag	tgaccgatgg	ctgctgaacc	180
atcacaagga	cctgggactc	cgntctctat	tggaaaccgc	ggatggggagg	gagatgtagt	240
ctccctctcc	ccagcctgna	acctngcttg	ctcggggngg	agcttnctgc	tnattcgttc	300
tgncacgccc	actgctggaa	cctgaggagc	cacac			335

<210> 351
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 351						
agatggggccg	agagctgggg	ggtgcgcccc	gacgcctcgc	cagccaccag	tctgagttgg	60
tctttcgaag	cagtaggaac	ctgtcacctt	cagccagaga	cacctgccgg	ccatctgccc	120
cagtgtcctg	agttcaaate	ccagcaacca	catgatgact	cacaaccacc	tgtaatgaga	180
tctgatgcac	tcttctggca	catctgaaga	cagctacaat	glacttacat	ataataaata	240
gataaatatt	gaaaaaaaaa	aa				262

<210> 352
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 352
 tggcccaacc aaagtctttt ggataaagca ccacaatgga caatgtaagg aaggcagcca 60
 aacgcttagc cttcccaagg cacagatctt tcccagcatg ggaaagatcc tccctcctc 120
 cctccctccc tccctccttc caccatacac tttattaaaa t 161

<210> 353
 <211> 526
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 353
 gactgagtgg ataatcttcc tgtcctacac ctgaccaagg catcccctaa aagccccagg 60
 gaggctggac catggtacaa gaactgcctt catccatcac cgtgagcaag tgtggaagag 120
 atgcatcaat gtttggnnag ncatagccca cttntggctt accataggcc atgngctacc 180
 gandctgntt ngggcatctn ttgaatggct gcttattgca gtntgtgcct tcatattncc 240
 aaaaancata ttatcgnnat ccatttttat ngtaaaactc aaggggtgtac canaaacctc 300
 atttatccct aatagctnng cttgatttta caaacctgct ntcagcaccg acctcatttg 360
 cttttatctg aagctcagga aagttaggaa aaggntgaat tgattcgtta atatgtagga 420
 catgtanceg ggcgtgggtg ctcacgcctt taatcccagc actccanagg cagaggcggn 480
 cggattnctg agttcnaggc cagcctggtc tacagagtga gttcca 526

<210> 354
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 354
 gcccaagtgg atgcagganc ccgggcagcc agaanggggtt ggtatctcct ggaancatga 60
 atnacataaa ggtgtgagen gccatnengg ncccagganc tacagccagg tectctgaaa 120
 gagcngacnn tgctnttaac ccccaagcca tntntccagn ctgagagtgc tgnnntctta 180
 tcatganaag acaaacagca gtggagttgg caagctgcct cagtgggtaa aggtacttgc 240
 tgccaaggct tgcagcctga tttegattec cagaaccagc agaatagaag tcgaaaacca 300
 aaagaaaaaa a 311

<210> 355
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 355
 tgaggtgacc cgaatggagc tgtggccccg ggcenggacg gcgctgctgc tgctgctgct 60
 cctgctgctg nccaccctgt ggttctgcag ctccagtgcc aagtatllct ttaagatggc 120
 cttctacaac ggctggatcc tcttctggtc gatcctcgca atccccgtgt gtgctgtgct 180
 agggcgcaat gtcgagaaca tgaaaaaaaa aa 212

<210> 356
 <211> 233
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 356

tgaggcattt	tgtgaaagaa	ggaagatcct	gtctgctgca	tggataatgg	actggaacac	60
agaaagacca	tgcaggggtc	ggctgtagaa	ggccgggtatc	tccanaggcc	agaagacacc	120
atcagatctc	ctgngactgg	agttatagag	gttgtgagct	gccatgttga	accaancagg	180
tnactgaggg	acacagggcat	gtggatggaa	accctgctgg	gagaaaaaaa	aaa	233

<210> 357

<211> 225

<212> DNA

<213> Mus musculus

<400> 357

agagtctctga	atccacgcca	gacccctctc	aacagtctgt	tttacgggaa	cactttatta	60
accgctcctt	cccagtgatg	cagttctgaa	tcctccctgt	agcagggggg	cttcgctcat	120
gcctgaagat	gtttcttgct	ccgggtttcg	gcaccacttc	ttgcgcgcgc	ccaactggcc	180
aggaagaacg	acgctgcaac	aggatccttc	tgcacaaaaa	aaaaa		225

<210> 358

<211> 305

<212> DNA

<213> Mus musculus

<400> 358

aagggcattc	agatctggga	gaagtggccc	cagaagtaaa	accttcagac	agccaaacat	60
ctgtggcaat	tgcagatttg	gaatggagag	aaatggaagg	agatgactgc	gggttccatt	120
atggagatgg	tacaaacgag	gctcaggaca	atgacttccc	cacaggctct	gagttcagaa	180
atcctggcaa	ccacatgggt	gctcacaacc	atccttaatg	agatctgacg	ccctcttctg	240
gtgcattctga	agacagctac	agtgtactta	gatataatag	taaataaatt	atttaaaaaa	300
aaaaa						305

<210> 359

<211> 273

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 359

actgagtgca	tggagctggt	tgagaagaca	gaggatgtgc	ccttggttga	ggagatgtgt	60
ccctggggga	aggtcttgaa	acttcaaagt	ccactcact	ccattctcag	cacctctctt	120
cctcatgtct	atgaatcagg	atgggaagtt	ctcagctact	gctctagcat	catacctgcc	180
tgcagatgc	cgtgctccct	gccatggatg	gtcatgaact	caccctttaa	aactgnaagc	240
cctcaataaa	gtctttcttc	tacaaaaaaa	aaa			273

<210> 360

<211> 231

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(231)

<223> n = A,T,C or G

<400> 360
 tgcaggctgg ttagaatgaa caggacacgc ccacacccac agtactgtac cttnatattc 60
 tgcgccatcca gaaggtctat gaagccatca tcctcatcgg acaaagtggc ttttacaggg 120
 tttcttcttg gagccgtgac tgccttgga ctcagtctgt acaccatgct gcccttgncc 180
 acctgcctgt ctcccaagtg ctgggattaa agatgtgcaa cccccacaaa t 231

<210> 361
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 361
 agcatgaaat cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaata 60
 tcaattttctg ccaactccac gggttttctct gtagccctgg ctgtcctgga actcactttg 120
 tagaccaggg tggccttgaa ctcagaaatc tgcttgcctc tgcctcccga gtgctgggat 180
 taaaggcgtg cgccatcacg ccagcaaata aataaatctt aaaaaaaaaa a 231

<210> 362
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 362
 tgggcttttg gatgggttgc gacggaggca ccaccccaa naggcacgag ctggtgaagg 60
 ggcgaanaa ggtcgagaag gaggccagaa gaaagcatcg gacccccggg agctggagct 120
 acagggtttt gtgagccatt aatctttggt gttagaacca aattcggatc ctttggaaga 180
 gcagtacaca ggcttaacca cggagccatc tntccagcct gaactttgtg tattaaagtc 240
 tccccaaacc attccccctt gtgaagtcac acccttntta aactatatna gctcttagca 300
 ctctgaattg gtgggttgagc ccagctgatg gtcacgtgac tgcaagctcc tcctgggtgaa 360
 ctctgtgcac tgnntttctt ncagaactag cacagtttct gccacagtga atatttttga 420
 ataaatgcgt gggcntttctg taaatcttac aaaaaaaaaa 460

<210> 363
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 363
 cctcattggc tctagtggct cctccccgag ccggaccagc ccggagtcce tctacagtga 60
 cagctccaat ggcagcttcc agtccctgac tcaaggttgt 100

<210> 364
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 364
 tattgattct gcctcccaac aagacaant gaggaagtga tgagccacgn agccgnngac 60
 ccttanagtt ttagatgncc ggatcccttc atgtatactt tacagaaaac catgntaagc 120
 cgggctgtgt ggcgcacgcc tttagnccca ncactctgga ggcagaggca ggcggatttc 180
 tacaaagtga ggccagnctg gtctacaaag ngagttccag gacagcccca gggctataca 240
 gagaaaccct gtctcaaaaa aaaaaa 266

<210> 365
 <211> 520
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 365
 tgacgggaat ttgaaccccc atggccccga tgacagcacc attgtacttg atgatgacga 60
 tgaagatgaa gctgggtgntc aaccaggggc ctccaaccta ccccccaatc ctgcctcaac 120
 aggacctggg cctggcctgt ctcaacagge cactgggtct tccgagcccc gtgtggatgg 180
 agggagcagt aactccggta gtaggaagtg ctacaagttg gataatgaga agctctttga 240
 agaggtaagc ttttgagata aaaggggtgc cttttgtggc ccatgctggc cttgaactca 300
 cagagctttt acttgccctc gccctcctgac agctaggatt aaaaatgtga accactgggc 360
 aggagagatg gttcagcggg taagagcatt gagcatccag aagtcctgag ttcaattacc 420
 accaaccaca tgatggcgtg gctcacagcc gtctgtaata ggatcttgat gccctcttct 480
 ggtgtatctg aagacagcta cagtgtactc atatatagaa 520

<210> 366
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 366
 caggcggtgc taaattttgt ctgttacagc ctccggccatt agaagctggg gcaagctttt 60
 ctgcctactt aactctgatt ttattttatt gttatatgta agtacactgt agctgtcttc 120
 agacactcca gaagagggag tcagatctca ttacagatgg ttgtgagcca ccatgtgggt 180
 gctgggggatt tgaactctgg accttcggaa gaacagtcgg gtgctcttac ccactgagcc 240
 atctcaccag ccccatatat gtcatttttc tgttcccaca ttctctgtaa gattattgtc 300
 ataagttaaa atctgaatta aagcatttga atgtcaaaaa aaaaaa 346

<210> 367
 <211> 487
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 367
 ctgagggtga gaacatttcc aagctctgac tacaacatta aacctcagaa tggaagagat 60
 ggggaagtcgc atcgaggact tacagagaaa cgtggatgac ctcatgactc aggcggggat 120
 cgagaattct atcaaagaac cagcgacctg aanatgttaa acngagtcac gtgggattgc 180
 taaaacaaaa actacaccat acgtctgagt aataataatc tatgcagtat gaattntgat 240
 gttcatttaa attttttttg gacacttaaa attaaaccca gggcctaaac tataggcaag 300
 tggctaccaa cgagctatac cctaaccacc tgaaaactaa aattcacttt aacaaatgaa 360
 gaacaaagct gggccataat ggcacatgcc ttcaacccca gcacttgggt ggcagaggca 420
 tgcagccagt ctggcctaca gagggagttc caggacagcc agggctacac agagaaaccc 480
 tgtcaaa 487

<210> 368
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)

<223> n = A,T,C or G

<400> 368

gcacctctgg	aggtggaagg	aagaggatca	ngaagttcaa	ggccattctc	agctatgttg	60
gcagttcaag	accagccgga	gcttcatgaa	accctgtttt	aaaattaatg	aaataaaaata	120
ataaaaataaa	acaagattta	aaaaaaaaaa				150

<210> 369

<211> 100

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(100)

<223> n = A,T,C or G

<400> 369

ttccaaagtc	tgaccaatca	ttgcaccagt	cgagctgaca	nccagtgctg	gctgttttgcc	60
tgtaccacta	ttaaaaaata	attcagttta	aaaaaaaaaa			100

<210> 370

<211> 394

<212> DNA

<213> Mus musculus

<400> 370

aacagcggac	accagagag	ctaaatgtct	cctaccggct	aagacaagga	aaccactca	60
gacagacctc	tctgggatca	aacagactct	atccaggtaa	gtacacctgc	caatcactaa	120
gttctctgtg	gaggctgtag	cctccccctt	aggttgcccg	agctgcacct	taaagatggc	180
gcctgccaga	tgcagagctg	gtggtgtaaa	caagtccata	ttcgggtggag	acgtgccct	240
gcgcacctga	ttggctgaag	ccatgtacct	ggtgaggtga	cgtggcctgc	cgtgagtgga	300
tgggggctga	gagtatataa	gagtgaagag	cccgggggtc	gagggagatg	aagactgaaa	360
atggctgaat	aaactgctga	tagaagaaaa	aaaa			394

<210> 371

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 371

aacatcttac	ctccaagaac	tgcttcagac	gtatgaaaga	gcccatctgg	nctgagctng	60
tgatggcttc	aattctatnt	agnnganaga	cngagagact	tgtgantacn	tcctntgagg	120
aatctcaaca	ctccatcang	ngangetcac	tggttaacan	caccgactgn	tcttccaaag	180
gccctnagtt	caaateccag	caaccacgng	gggggctcac	aaccatncgt	aatgagatnt	240
gacnccctct	tntggngtnt	ttgaagacag	cgacagtgtg	ctcactataa	taataataaa	300
taagtcttaa	aaaaacgaaa	a				321

<210> 372

<211> 247

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(247)

<223> n = A,T,C or G

<400> 372
 tcacctgtag gctgtcttca caacacntcc agaacaggga gtcnatctc attacngatg 60
 gntgtgagcc accatgtggt tgcctgggatt tgaactctgg accttcngaa gaacagtcgg 120
 gtgctcttac ccaactgagcc atctcaccag ccccatatat gtcatttttc tgttcccaca 180
 ttctctgtaa gattattgtc ataagttaaa anggggaatt aaagcatttg aatgtcaaaa 240
 aaaaaaa 247

<210> 373
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 373
 gctaaggcag ttacattcgg agttccgcgg actcttcaga ggctgtaaaa atgccggagt 60
 caccgaaagcc tgcaaagagc tgttgcttgc cttgctgctg ctgctgctac tgccgtccct 120
 gcccgctgctg cagctgctac tcttgcctgc gctgctgctg cttgttgctg attgttgctg 180
 ttgctgggtg ctgtttactg tttgctgccc gctggagngc tggattgctg attgccagtc 240
 ggcgaaatcc tggcgatgaa gatccaactt gcccgaagaa acaagacgac cctaagaagt 300
 agtctaata tttcaatacg ccttttcccc ctctgacctt tctctcttac cttatgctgg 360
 gggattggaa ggggtggcna aaaaagaacc caataaagta 400

<210> 374
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 374
 aactgaggat cggctcctgg agcaggacag cctctgtggc ctcaactggcg ctgcttttgg 60
 ttctgggact tccgtggacc tggagcgagg cggcggcggt ctgtgtgtac agtgggtggc 120
 ggcggctggc gctttctgag tatcgtctgc aagacggcga ggcgagacct ctttggcctc 180
 gaactcagaa atcctcctga ctctgcctct gcttcccaag tgctgggatt aaagacgtgc 240
 gccaccacca aaaaaaaaaa 259

<210> 375
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 375
 catgatgggt gtgagccacc atgtgggttg tgggatttga actctggacc ttcggaagag 60
 cagttgggtg ctcttaccac tgagccatct caccagcccc tcaacagatt tctgactngt 120
 gagaaaagac tggaacatag atgctttctc tctacggcc tgaccttcag ggtgacaacc 180
 atctctgaac tgaccgggaa aaaaa 205

<210> 376
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 376
 agcagcagag agtcacctgg gagaaagaca tctggagcac atcgatttga ggtgggaaga 60
 tcagcccact gtgggtggca ccctcctgta ggctgggaaa ctgcattgtg ttaaataaag 120
 aaaggatctg agcagcaatg cgctcatcgt tgtttcctga ttgtgggcaa ccagctgctc 180

caagctcctg ctactctgac gacttcccca ctgtgatgga ttctaacctt gaacctatgaa	240
ccagaataaa ccctttctcc cttcaaaaaa aaaaa	275

<210> 377
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 377	
aacgacagga aaagacctgt ggtatatgaa actttgttga caagagagga tccagagact	60
ttaaaagcaa aactctgctg ggcattggtga ctctgtctg taattccagc acttggcagc	120
ccaaggcaga tggaggagga tcagagttca gaaagtgaag caaattaatg gaaaaaaaaa	180
aa	182

<210> 378
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 378	
tgtcttgcct cgtgggttata gaccaaggga ataaaacaag atcttataaa taggctgcag	60
gcctatcttg aagacctatgc agaagaagaa gcanatgaag angatgtact gggagatgan	120
actgaggaag aagaaccann gcccatanaa ctgcctgtta aagaggaaga ncctcctgaa	180
naggctgttg atatggcatc ggaaaagaag gtggt	215

<210> 379
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 379	
catggcttcc tgtgcgtgct tggcaactng acagnaatct anagtcactt gngaagaggg	60
aacctnaatt ganaaaatgc ctccaccaca ccggactaag ngggnagan catctacctg	120
ctgctgctgc tggcgacggc ancancanca gcnttggttg ctatcatcag agcccacctt	180
ctttggcctt ncaatgtgag cttaaagacca gnagntctcc agaaagtgtt tncaagnttg	240
ggggnagnagn ctggggnttg tggngngcnn aagctggttg gggggggngg ntggggggggg	300
ggggggggggg tgcgg	315

<210> 380
 <211> 384
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 380	
aatggcaat tcagcaagct gataaactgn angaanaaac aactgatct tcantgtcgc	60
gnaggttctc aaggccattg gtttacagag aactggcaag cacagaagta aagtggaaaa	120
tggctttaca agttatgttt ggccttaaat tttttctagt gttagaagcc cttttgttcc	180
ttttcacatg ttatatagtg cttaagatag ggnngaaaat tctagaggaa attcaggaca	240

gtctatcaga agtaaagcgg ggagagagag taggagcaag gagaaacggg aagtatacag	300
gcctttccaa gggctcttgaa cccgaggaaa agttaaggtc aggtaggaat acctggggag	360
agattagaag gaagaaaaag aaaa	384

<210> 381
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 381	
gggaaaaggg gacgggttttc tgaagttatg aagatgcaga gnetgagaga tggganttac	60
tatgcgtgca nacaaatgaa gcagcacttt gaaagtattg	100

<210> 382
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 382	
gactgaggat gtcctaactt caggnatgga aggaaggaaa catgatgcca tattgaagag	60
gttttgtctt tgtttcaatg ggagaagaag agctacggat accatcaaat taataaagat	120
tagatttggc caggggagac ctcttgaaaa tcttggctac agacatgaag gaaaaaatc	180
aagaagacca aaaaaaaaa	199

<210> 383
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 383	
agacacccgg gcgggcacca aggctggatt ccatcacggc atggaatgag cctcaccaag	60
gcttttgaaa atgtccttcc gggctggaga gatggctcag tggttaagat aaacaccaac	120
aacttttcca gaggtcctga gttcaaattcc cagtaaccac atgggtggctc acaaccatct	180
gcaatagggt ctgatgcctt cttntgggtgt gtntgaagag agcaatgggtg tact	234

<210> 384
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 384	
ctcctgtctg ctgatggata atggactgga acacagaaaag accatgcagg gttcggctgt	60
agaaggccgg tatctccaga ggccagaaga caccatcaga tctcctggga ctggagttat	120
agaggttgtg agctgccatg ttgaaccaag caggtcactg agggacacag gcatgtggat	180
ggaaaccctg ctgggagaaa aaagaaactg gtga	214

<210> 385
 <211> 100

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<212> DNA
<213> Mus musculus

<400> 385
aagactccct cacagttggt tttgaaaata attggcaacc agaacgccag gttccgttta      60
atgaagtgcg attaccacca ccacctgata taaaaaaaaa      100

<210> 386
<211> 334
<212> DNA
<213> Mus musculus

<400> 386
gctgggaattg acaggaggac tacgccgcaa gggataggcc cagaatagca accaggaaac      60
aaaatctcat catggccaat gtccaccagg aaaacgaaga gatggagcag cccctgcaga      120
atggacagga agaccgccct gtgggaggag gtgagggcca ccagcctgct gcaaacaaca      180
acaacaacaa ccacaacat aaccacaacc accaccgaag aggccaggct cgccgacttg      240
ccctaactt ccgatgggcc attcccaaca ggcagatgaa tgacggggtg ggtggagatg      300
ggagatgata tggaaatgtt catggaggag atga      334

<210> 387
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 387
aatggtgacg aggtcccta aagcagctc gaccatccac agacagctc acgtttttct      60
cctacttttt ccttatgctt ttaaattggc gactcgccgg gcgtggnggc gcacgccttt      120
aatccca      127

<210> 388
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 388
ggcaaacttc atgtgcangc tgatacacat aggcctctga ggaaatttgt antatgtcct      60
ggaagctcta aagaaaagca agagtgccgg gcagnggtgg aggacacctt taatcccagc      120
acttgggagg aagaagcagg nngatttctg ngttcaagac cagncctgggc tacaagagtg      180
agtccaggac agccagtct      199

<210> 389
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 389
ccttcaagtc tgctatggaa ttgaaagtga cctggagctt ccggtccttt ctacctcccc      60

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ggtgctggga	tggcagaagt	gtgtccgcct	gcgcattant	catgggttagg	aataaaaaccc	120
agggcttcaa	gcatgcttgg	cagatgttct	gccaaactgag	acacancccc	agtccccaaa	180
ccacatagtt	ntgaaatata	ggtcacattn	aaaaataaat	caacctggga	tggacgg	237

<210> 390
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 390						
ccctccaaga	gctgagatca	caagaatgta	ccaccataag	cggttttgtg	tgtgtgttgg	60
agagatgggt	canaacttaa	gagcatatgt	tggtcttcta	gaggatagga	attcatttcc	120
cagaacccaa	gccaggtggc	tcacaaccac	atgtaactct	aaccccccaa	gatccagtat	180
ctcggcctct	tcagacacct	ttactcacat	gcacatatca	acacttaaat	gcacataatt	240
taattttatt	ccaggaagaa	aaagttccta	aaaatcaaga	cacctgctca	ccaga	295

<210> 391
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 391						
agtgtgtatc	atgcgggttat	tgtcatcttt	ttggagtttt	ttgcttgggg	actactgaca	60
gcaccacat	tggtgaacaa	tggtcttagga	cagccaggga	gacacagaga	aaccctatct	120
tgnagaaagg	aaggaaggaa	gaaaaa				146

<210> 392
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 392						
gactgagagt	tgtgctgaag	acaacagaca	cctccatgac	aacccaaagt	atcacagagg	60
aaatgaaaag	ctgtggactc	attcanagtt	aattaagatt	aggtatgacc	atggaagact	120
tgtgtatgac	catggaagac	ttctagagaa	tcttgactgg	tgatgtggaa	aaagagaccc	180
agaagaacaa	aaa					193

<210> 393
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 393

ccattcttgc	ccaggagaga	gcgaggtcct	ggacctggag	agtgagctgt	acctggggcgg	60
tctncccgag	gggggacgag	tggacctgcc	actgccccct	gaggtgagga	cagctgctct	120
ccgggctggc	tacgtgggct	gtgtgagaga	cctcttcac	gatggacgga	gtcanagatc	180
tccggggcct	ggctgaggcc	cagggggctg	tgggcgttgc	tcctttctgc	tcccgggaga	240
ccctgaagca	gtgtgcgtcg	gccccctgtg	gaaacggggg	catctgtcga	gagggctgga	300
accgggttcgt	ctgtgactgc	atcggaaccg	gctttctggg	tcgggtctgc	gagagagagg	360
ccacggctct	aagctatgac	ggntccatgt	acatgaagat	catgctgccc	actgcgatgc	420
acacggaagc	agaggatgng	nccttacgct	tcatgtntna	nagggcatat	ggactcatga	480
tggc						484

<210> 394
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 394					
agatgtgggtg	gtagtaggag				
gttatgaaac	tatctgcaag				
gacctcttga	tggggccagt	60			
tgggccagcg	tctnaactac				
cnaantggca	aaancattgg	ntccttgcta	cgctctcact	120	
atgaacgcat	tgtttatncc	tatgaaatgt	accagtctgg	gagccaa	167

<210> 395
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 395						
actgacaaca	gcccttcttg	ggacagtgac	tgctacatga	actacaggag	tgtecgaccag	60
gactctcagc	ccgtctattg	caacctggag	tccttggggc	gatgaggaga	gtgtgggtctc	120
ctggcgctga	accagcctcc	aacagccccc	aggatccagc	acgctcaaca	tcacaggggg	180
tagaggacac	cccacccccc	ccagagcaga	aggaggggtg	gaaacaaccc	tccgggtcagn	240
gngcatgcat	gtgatgctca	ataaaaagctc	tgggagcagc	tgactctaaa	aaaaaaaa	298

<210> 396
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 396						
gactgagctt	tttctctgca	tacagtggnt	acagtttgct	gtggctactc	tgagtgttat	60
aggctccagn	tcactctctc	cctacatcgc	gttccagagc	ccacagaagt	ctgcagagat	120
aaagccactc	ttgtatctga	gcttctctga	cctgctctct	ggaatttgct	ggctcgtaaa	180
ggcacttctc	tatggaactg	cagcagccca	caaggacagc	atctgctata	acctacagac	240
cytgggggag	nttnttctac	nttgnctcac	tcctctanac	ngcannctac	antgnggcgc	300
naggttntna	nangnngang	aagacagagc	ngnctnagtc	gtagatggag	cacttgtnga	360
nccaggtgac	agattatggt	atg				383

<210> 397
 <211> 126

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

 <400> 397
 ggtgatgccg ggaggccccc cagccctcaa tcagccaatc ctcatcccct tcaacatggn 60
 gggacagcta ggtgggtcagc aaggcctggn cctcacactg cccaccgnga atctcacaaa 120
 catcca 126

 <210> 398
 <211> 160
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(160)
 <223> n = A,T,C or G

 <400> 398
 aagtggcaag gagagactca ggagttttgc cccaatgn gn gggnggtgct ggttggctgt 60
 aagctggaca tgcggactga cctggccaca ctgagggagc tanccaagca gagactcatc 120
 cctgncacac atgagcaggg nactgggctg gccaaagcaag 160

 <210> 399
 <211> 368
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

 <400> 399
 tgtagccact gaggaccagc aaaaacacct gtccaaggca gcacagctgg gaccagaanc 60
 aagtccccaa ttgtctactc tncgtgtgcc atctgcttct gctcagtccc ctagaccttg 120
 gaacagaggg tcccgcactc acacaggcca tgattgaagc tgaagcgaag agattcctga 180
 gacctgctcc accagcagtc agaagactcc acccgagaga cgggccccag gcccgntccg 240
 accttttttaa ctggatcaga cccggggccct gcaattcnaa ttgaaggatg aagactgctg 300
 naggtcaccg ccttgccgaa ngctgagncc tgtgatgtgt gngaaangta tcctacgtgg 360
 cagagaag 368

 <210> 400
 <211> 195
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

 <400> 400
 gcgacgcaca ctgctcanca nctatgaggt gttccagtta ctaacggatc tcaaagagca 60
 gccggagggg gagtgggaag aaacaagcat acccctctgc aacccaaaact aaaaccgcn 120
 tcaccttatg agacccttaa agnccttata aaaacccccc tcgtgggnnc ccagagncca 180
 gcggatttgt cccaa 195

<210> 401
 <211> 232
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 401
 gaactgattt gggaaggnc a atgtgatcct atcagtacat aaggaagccc cctgctcatg 60
 tcttccacag tggccngngg tgggnntgcc aacatcttgg attacaagag cctccgtgag 120
 atcgtggtga accaccagta ttcantggc tgttttcaact acaagtgtccc tgctgangtg 180
 ncggnggnan aagncaaaat nnnntcctta acnagatatg tgaaaataac tg 232

<210> 402
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 402
 ccgctgatag agcagcanaa gaatatncag angnccaact tgatgantcn ngcaaggctn 60
 acaggcctca gagcaaggga tgacggggng nctgatctgc taaatgaggg aangcagana 120
 ctcagtnggg gtggtaaaag atacnaccce ncnaccaagn gctgctggat gggctgg 177

<210> 403
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 403
 gactgaggca taatagtgg a tccttgatgt ggaagacgtc cttaccagct ttgacaacac 60
 aggaaatggt tgnatgtnt ntgctcagna tgaantatat ccactagctt tatcaaacca 120
 aaaaaatata taaaagganc ttnntntgtg gnaccaggg ggtggncctg acatgcncgg 180
 caaggantca tagcttggtt ttt 203

<210> 404
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 404
 aactgagggt gtgggncttc tcttgccata ccagancgct ggcattccact gtcttctggc 60
 agtginctgaa ccagagccat aangnctgng gnaactatgc aaaccgcatt gctaccaagc 120
 cttcacctgc atccaagttc atccagggt acctggncgc tgtcatcagt gctgtttcca 180
 ttgctatngg gncaatatec tctccctgac ngagcagggg gtccttaacn caaaatacca 240
 tggggggg 248

<210> 405
 <211> 320
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 405
 ttacaggaga attagaatat gctacgaaaa tctccagggtt ttcaaagtgc tatcatcttt 60
 ccattcatat ttcaaaaaac ttgggagcag atacgacgaa gatcttttat attggcctgc 120
 ggggagagtg gactgagctt cgccggcatg aggnnggnnt ctgcancat gaagcgtnag 180
 ccaaccacgc agaccaccgg gtgcnttnag gtcacccnc acacacactt tnntttctta 240
 agggccagcc ggggctccct nanatgcgct gttagngaaa atgngcgacc acctgctggg 300
 gaaggacaga ggatgctcca 320

<210> 406
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 406
 actgaggatc caaactactg gatacagggtg catcgcttgg agcatggaga tggagggatt 60
 ctgacactgg atgacatcct ntgtgacgtt gctgatgaca aagacagaat acacctgcca 120
 gatgattaaa atgngcctaa tttantcagc atgggtactt gtnaccaga gatantttna 180
 agctaagtgc angngacntc ttentctatc ctgcanaaaa tgctaaaanc attgaacaga 240
 gcnggggnnc actttcaaaa aaatgtttgn aagctncctt nggcttnccc cccaagnnga 300
 tatttaaaan ccncccccc cccenttttc ttttcctttt ngttntgcaa nttaatnntg 360
 atantcctgt ctgnaaatgg naccatgggg ccttaaaatt ttttaataaaa c 411

<210> 407
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 407
 ccactggtea tatgaagggtg nnattgnaac tgcacatgga ttgtcactcc tttcacccca 60
 ggacctccgc acctggcatg aagacttgtc ctggggggagg gaaagagctt ttcttgagct 120
 tcaccacta gctcctcttt ttctccctac acacacagac cctggggctt acacaagtgg 180
 ctgctagacc ctgctgtaat cattaaatcc cacatctcct gattcagcaa aaaaaaaaa 238

<210> 408
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 408
agagaccgca caggaaaaga agctaccgct tggncaanct ctaccttgaa caactcagge 60
ngcaagagga gganaaggct gaagcccgtg cattcnagga ggatcaggng gccgngcgct 120
tgaaggagga tgtgctg 137

<210> 409
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 409
tctctctctt attgcctact agtnnttttaa attggacttt taatatccta ccagcgtgct 60
cttcagacac acatgggtgca ttgctgccat tcccgggatt gcctctttga gacacacact 120
cttaggagcc ttcagcaaac aaagaggcca cctcccggta cggctaccgg ggagggagng 180
atcctgaccg cctctagcc ttggccagct ctggatatga atcctaccat ggaaccgaga 240
ntggagtcct gtctggccca ggtgctgcaa gaaggatgtg ggaaancagg ttgcngggtg 300
accaggaact catagactat ttctcagaca gacnagaaag tccggctgac cttgagcacn 360
accaanacc tngttnggat aagctttgag natgggactc cgntancttc ttgggggtgaa 420
ctcta 425

<210> 410
<211> 196
<212> DNA
<213> Mus musculus

<400> 410
gagaagctcg aagcgggtctg ggggcctctc cgctacagtc tgcccgatcc ctgccaggca 60
acgcccttg cctcaagcac ttcccgttg acctgcgcac gtctatggat ggcaaattgca 120
aggagatcgc tgaggagttg ttcagccgct cactggctga gagtgaagctt cgtagcgcgc 180
cttatgagtt cccaga 196

<210> 411
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 411
ggcctgtccc agaagttcct ctgnngacca ggctggcctc ggactcagag atccacctgc 60
ctacnctgag aattgtttaa atggacgggtg ctacacagga agagaccatt ccagtatgga 120
ctggccattg gaaaggacgg cacagtatct ggactgttct gtgtcctnag gatgctgcgg 180
aatgaacaca catctgcgca agaatacagt agcagaaacc acatctcaca cttgataggg 240
gagttggaac tatgaatatt acagtctata ataaataaca cata 284

<210> 412
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 412							
gactgagata	tcttgataat	ggaaataata	aaatggcaat	tcagcaagct	gataaactgt		60
tgaagaaaca	caaagatctt	cactgtgcaa	aggttctcaa	ggccattggt	ttacagagaa		120
ctggcaagca	ggaagaagct	ttcaccttng	nnaacttgga	ggatatagtt	ggnttgaatg		180
ngctttaaag	aaaaacaaa						199

<210> 413
 <211> 366
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 413							
ctgaaagccg	gtctctaccg	tctaaccacc	acgtttggng	aacatgtgaa	cagctgngca		60
ggcatctgca	gaacatcaga	aaagacttca	gcaattcttg	gagttcaaag	aatagtgaag		120
tagntataaa	cctgtgttca	ttacccttgc	tgatacaact	acagatgggc	acaagnnaat		180
gtcgagcatt	tcttgggata	agaagagagc	cggactaatt	agacgctnnc	ttttgtcgat		240
gntgctntgc	tttgaaaact	atactnnent	ggggaggant	ncatnggana	gaaattctnc		300
anngantaa	ncccgnaaaa	ctgcccttct	ctngtaccce	ngtgcttttt	ttgtgggggtg		360
ttggta							366

<210> 414
 <211> 547
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 414							
gactgagaga	aaaggaaagc	aattcaggtt	cagacgacta	gaatcttttcg	tgcattgattc		60
ctggcgacag	caacgtgaca	agggtgcgtg	ccagcggctg	gaggtgaagc	ctcgtgcttt		120
ggaggtgcct	gataaacatc	ccttggcctt	cgttatacgc	atggaaagga	ttgaaggagt		180
gagtttattg	ggtaaagagc	accatcatga	aacttggcct	gaagaaattg	ttcagtgggtg		240
tctttgtcaa	ggtcacccct	cagagtgtaa	gaatgctgcg	cacgggtggag	ccttatgtga		300
cctggggatt	tccaaatctg	aagtctgtcc	gggagctcat	cttgaaacgt	gggcaagcaa		360
agattaacaa	taagacagtc	cctctgacgg	acaacacggg	gacgaggag	cacctgggga		420
gatttggtgn	catttgcttg	gaagacctca	tccatgaaat	tgccttccct	gggaagcatt		480
tccaggaggt	ctcttcattt	tctgngccct	ttcctnctct	ctgngggccc	ncatgctacc		540
aggacac							547

<210> 415
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 415							
agcagcaagt	gatccagtct	cgagtgaatg	accaggaagg	ccgagaagaa	ttctatgttc		60
actatgtggg	ctttanngg	cgactggnc	naatgggtgg	acaaganccg	actcgnactg		120
accnngacag	tgaaggatgc	cgagcagaan	aactactgan	anatncctga	tgtgagctgg		180
ccgagcagcc	agagctcang	atcactcgaa	accaatngcg	aangcatgat	ganatnanc		240
ntgtgengan	ggcnctggcc	cctcccttct	cagnacnate	acngcttanc	catngcnact		300

cncatgtgan nggcagcccn caggggaagga gatctntcna tntgagcanc atcntttgtgn 360
atgacgtggc tggcaaagac cacaagatat act 393

<210> 416
<211> 416
<212> DNA
<213> Mus musculus

<400> 416
gactgaggta gccttcatgg ctgtgccaca tcatttcgag gagacttcct atctgctgcc 60
tcagatcca gaggattggg agaaacaagg catcccggac tttgtctatg gccaggagga 120
tctcgttggc aaggaagttc agtggcccag ggattcacct agtgccgtgg acacagtacc 180
actatcccgt ttcgactctg cctcccgctc tgcgtggagg cagcggctgg aactgggcct 240
gtttcgggtac cgctagaag atctgcagac ccaaatectc cccggttcct tggggtttgt 300
agctcagctg aatatagatc gagggatata gaggaggcgc cccagaata tcagaagtgt 360
gaggcaggag tttgaccccg aacagtttaa cttcaataaa attcgacctg gagaag 416

<210> 417
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 417
ttcgggtgcta cagagtctct aatcttataaa gctgaaggga aagnggagtc tgatnncttt 60
tgncaattag gtcacattca nctctttatn ggaagatnat ncaaaagcnt tatnntgcat 120
accatgnggt acntacagtn tacagtctga ttactggaag aatcgctgcc tttttatata 180
ggctcttggt tggctctact ccattacnat gcattncagn gggctatnaa agcattntna 240
ggagggtgctc ctatgtncga ncccagcttt ttggcgagcc aaggaanntt natttacgac 300
tcnnggctta tcgttcnaag cgaacacaga cta 333

<210> 418
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 418
aatacaggct tgagcaagag cctgtgagaa gacggatngn gcaagagcga gccagagcga 60
gacgaagatg gcaggaantt gccatgtggt caagagtagc atgaagaact gctgcagagc 120
cctcatttca ttcttcctcg tacacaatga atcacgttgg gatttcattc cggggctatg 180
tacacaaaag tgnccangagg aaaatgttct ctactcttgc ataaaaatgt gtccagtgtc 240
tcaggaatgg aacttctgct ctgccgggca gggttcagg gattctgccg ccagagatga 300
aaggctcctc ctctgtttt atngntctgn aattcccag gngttaatca tccanccctg 360
gnengetccc cttgnnggga tctctgggtgc tattctga 398

<210> 419
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 419
tgagggagac aggatgggtgn tgtcaaaaact tccaagttnt tctennagat ntnengcaac 60
ncgggggnca cnatccagaa gnnetacccc ntngtncccn tcttctctct ggnccactnc 120
atggggcgggt gccatctccn tcttantggc tgnanagagg ccaacctact tttctggcat 180
ggtcctgatt tcacctctgg tctttgccc tccggaatct gnacgcactt tgaaggctct 240
tgctgccaaa ctgctcaatt ttgtcctgcc aaatatgacc ttgnngcgca ttgactccag 300
cgtgctgtct cggaacaagt cggagggtga cctgtacaac tctgaccac tctctgccc 360
agcagggtg aagggtg 376

<210> 420
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 420
cctctccgaa aaaaactggt cggtttggcg gaactgngac agaagtctta ctgaaataca 60
naaagggtga acaaatgac ttagagttgn tgaagaacca gctgtctgat cctgatataa 120
aggatgacca gatcattaag 140

<210> 421
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 421
actgatattg cagtaggtga anaaactata aaggatatgt cagagaataa acaagaagta 60
catccagata ctattacaga tgtggaagct gttatagata cagaggaaga acttattaaa 120
gaatgtgaag aaatgtggaa agacatggaa gattgtcaga ataaattatc acttattggg 180
aactgagaca ctcacgaatg cagatgctca gctctcattt acttatttat gcaaattggag 240
ggggntggac tggctgaacc ttgggncaat ggaaaaaaag aaacccccgaa 290

<210> 422
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 422
tggcgttttt tgatgaagaa taanaaattt aaattttcaa ccaactttcac cttggaggag 60
ctgactgcgg tccccttcgn gaacgggggtc ctctttttgca aggtccgnet gctggatggc 120
ggngattttg tcagcttgtc atccagtggc cttcaaatga agatgatgaa ntcttatact 180
ctaentgcnc catgcctgcc tggatgctgc catgttnctg ccttgatgat aangaactga 240
acctctnate ctgtaaacta accccaat 268

<210> 423
<211> 261
<212> DNA
<213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 423
aagtactgaa ggctttgtgg tgtgtggggg ttgnactcac atggctgcag ccagtgtgac      60
ttcccctggc tccctagaac tggnggggnc tggtttctcc aaaaccctcc tggggaccag      120
gttaaaaacc aagtacctct gttcancctg caaaaaacat cctgcggggag gccctttcca      180
ggcccagtgg ggnccacnnn tactggntcc ttctgcctga ccaggatncc tnanggtgtg      240
catcccatg  gggggggggg g                               261

<210> 424
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 424
tggccctggg ggctcaggta ctgatgctgg agaatgggct actgcggact ccacccatgg      60
gctggngggc ctgggaacgc ttccgctgta acatcgactg tgtggaggac ccgaagaact      120
gcacaggnn aactcttttt tatntaaagn tnggnatcha tgacnnaatg gngnatantg      180
accnctgggg tntacnttcc tacnccctca aaantgggtg aagngggggg cggaaacctt      240
tcggg                                           245

<210> 425
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 425
gccctgattg agcagactga ggaagcagng gccgcactta actccctccc cgaggtgcct      60
ccctggactg gggaggtcaa cccacctctg agagacggcn gtgcttctag ggcgcacctc      120
cttgggacc ctcgataga tctgccctct tgaaaagcaa actgagggtc ctgngnggnt      180
ggccctcgga gcctacnaag atccagctgc ttccgggggta ggattgacag gattgnnccc      240
canagtggac taggggtgaa cagnttccgg naccgaaaat aacagccaag ggggaaa       297

<210> 426
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 426
cttttcaccg gtccctaacc tgtaccannt ttgggannag gatggaaatt naccanagac      60
tcatcaagtc cataccactc ctgctccact gcagcaggat caaancanga aggggaatgg      120
gagatgcata gaaaattgga accacagaaa ccaggaagtc tcctttcttg gacagccagn      180
gacgctccag cacctcctcc agnccctggg ccttgggcaca gccctccct catggctgga      240
tcctcagatc ataatagggc cttggagcag ggtttgaggg tggggatggg gatt         294

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<210> 427
 <211> 167
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

 <400> 427
 acctctgcag tgtcaacang gctcaaggan gcaggatgga tcnegatgtg netaacatgt 60
 tngngattgc gggngggacc ctggcnattc caatcctggc attngttnen tctttcctcc 120
 tngggccttc agcactgnta agaatctatt attggggggg gactcag 167

 <210> 428
 <211> 248
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

 <400> 428
 tgacttacta ccaaattgtgt ggtggatggt gaagcgaaca aagttattct gaatcctgta 60
 aatacaaate tttccaaagg agatgcccggt ttnntaacna agacannntn gttanganac 120
 tntcatncc ccacatcctn gaaaaccatn nttcnggatg tttgccaagt atggactnng 180
 gtnattatat nntntcaaaa aanatttatt caaacaaaat cttaaaggca tccctaagtt 240
 aaactgac 248

 <210> 429
 <211> 276
 <212> DNA
 <213> Mus musculus

 <400> 429
 gagacataaa attatgaagg atatcaccag aagctatgta aacatttcat ctaaggacca 60
 agagaagttc aaggtgtttt cacaaggaaa ccaaagagac aactgatatg aaagagctga 120
 ccgcagtcag agaaatcttg ggaggagaac tagagtgaag gacaaggcga tgagcaggtg 180
 ggagagaaaa agcaaacagc tcaaacagat cctgtgaggc gggcgaccca ggacgaaggc 240
 tggctttggc gttatctagg taaccccggt ttgttg 276

 <210> 430
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 430
 gagtctgggg agctcctgen taagtcagac tgagggtaca aaaatgcaga gcaataaagc 60
 cntraacttg gagaagcaga atcatactcc aaggaagcyl catgc 105

 <210> 431
 <211> 434
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 431
 ggtatggcag ctggcgagaa ctggccaagg ccctagccag caggaacatc ccagccgttg 60
 atccgaatct ccaattctac cgtecccagc ggctgagcct caaggaccaa gaaattgccc 120
 gaagttaggag taggaacagt agctacctga agtggaaaca gcctgtcccc tggctctcag 180
 aggtacaatg tgcgtgtctt cagacactcc agaagtagga gtcagatttt gttacggatg 240
 gttgtgagcc accatgtggt tgctgggatt tgaactcngg accttngan gancanncgg 300
 gtgctcttac ccactgagcc atctcaccag cccacctctt gtgatcttga ctagaagtac 360
 cttectaacc cagctcttcc actgttttta aataaataaa caaacaataa actcactgac 420
 cttaaaaaaa aaaa 434

<210> 432
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 432
 tatggatata aattctcctg gaagaaaaat aagaaggccg gaggggnnct atctgaagag 60
 gaagtgtttg gctctttctn ggnaanggnt atgcaaatac tggcaagaat gagcggctaa 120
 tgagccactg ctaggtaaac atagtgggag gaaaaccaat anccnctgga cccctcagca 180
 cnactgnacg agcccagnct cntccaatca acggaaccca gcaagaaaaa cccctacc 238

<210> 433
 <211> 406
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 433
 ctccctgcatt aagtcagact gagtgtggtt ttgcttgttg ccatttccag tgcgtttgaa 60
 ttgggacccg ttgctgggag agaccttgcc atcagagata acagcatttg ggaccagaaa 120
 gaacctgccg tacngcgatc ggtctttcca gtctgtgctt tccgtgggga tacagaacag 180
 taagtcgctt aataaaaactt gctgtctgaa tggagggact tgcattcctg ggtccttctg 240
 tgccctgcct ccttccttct atggacgcan ctgtgaacat gatgttcgga aagagcactg 300
 tgggggtctat cctcngtnng tacctggctg cccaagaagn gttcccttgt gcagatgctg 360
 gcacgggcca gctccantgn cttectcaag accttttcta cctggc 406

<210> 434
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 434
 agttcctcca tccacaaatn atgcantcga gtttcctcga atttgggggc aatacacaca 60
 gagtgcaatg gatgaacctc gctctggaga aatcnctgc atantcatgg natttcccct 120

tncaggatatt atacagaagc agtcttccaa attctgaaac ctgatgccca tcacatactt 180
tgggctgaga aaagaaaat 199

<210> 435
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 435
ctgccttgct ccatgaagtc caggacantn tgacatgcac ttgtttcttg tctcttcatt 60
tgaagaatag tcttcgtcca ctgtgtacat ttttttttgt taatagggaa ggag 114

<210> 436
<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 436
aagactgaag tccgtgcccc tcgcctgcag ctgccatgga agctccttgg accctttaga 60
agcttctcgc cgccatcaca ggagccccag aggatgtgca gcgggggtct cccagttgag 120
caggtggccg caaggggaca tggatgacac ggcagcacgc ttctgtgtgc agaagcactc 180
gtgggggatgg gctgcgtaac cattatcac nggcagtcgc aagtcctcgg ccttcattgt 240
cagcgnnggg ngccnccgac tttccagttt gtgcagaanc ctgacaagtc tgccccccat 300
ctcaccgtct ct 312

<210> 437
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 437
aatatctttt gcacatgant gttctgcctg catggatgac tgtacagcan gctcatgcag 60
tgatgaagga gaccagaaga ggtccttggg aatanagtta caaacaattt tgaaccacca 120
tgtgggtgct gagaattgaa cctatgtcct gtggaagatc agccagtgtc cttaccact 180
gagaaatctc tccatcacct attcttgtgg tttgggtttt ctttttcttt gngngtttct 240
ttttttttt t 251

<210> 438
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 438

atactgaagg	cactattgct	gaggtagaac	agatgtgntt	gagatcgagg	ctaaactgga	60
caagctgggc	aaactgtgca	gnggnatgat	cgaagccggc	aaatcctacg	tcaccaccaa	120
caggctcttt	gtgagccggc	gtccgagacc	tgtctcagca	gtgccagggc	nacaccgtca	180
tctcggaatg	tctgcagagg	tttggagaca	gcctacagga	gatgga		226

<210> 439
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 439						
atactgaaga	ataggagggg	gagcccccag	gatgacctga	ttggaatccc	attcccagac	60
cacagcagcg	agctcctgag	ctgnnngaac	gagcagngcc	agctnancca	tctgtgcgac	120
ctcaccatca	ggacgcaggg	tcttgagtac	cgcacccaca	gggctgtgct	tggctgcctg	180
tancactac	ttnaagaagc	tcttnncggg	aggnaggagg	gggaaannng	gaatgngaac	240
tggggggggg	ggggg					255

<210> 440
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 440						
gaactgagtt	ctggcaggtg	atctgtaaga	cagtgactga	ntatggatca	tttgaacgag	60
gcaactcagg	ggaaagaaca	ttcngaaagg	ngntaacaat	gtgagtgatc	cgaaggggtcc	120
acccgcccaag	attgcccgc	tggagcagaa	ccggcagccc	tctaggaaga	gganggcttg	180
ggagcacagg	ttggaaagat	gcagggagtg	cctttaaaac	actcgggcca	tctcatgaaa	240
acngggggta	ggaaaggaac	catgtttccc	a			271

<210> 441
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 441						
ggtctatgtg	cactagnagt	aattctgnca	caatgcctga	aataactacc	agccatcttg	60
nngaaaaaca	ggntcaggnt	ctagcggnga	tgtgtattct	tattgatgaa	aatgacaata	120
aaattggggg	ctgacaccaa	gaaaaaactg	gtcaccttaa	tgaaaacatc	gacaaaggat	180
tattacatcg	agcttttagg	gggcttcttg	ttnaataactg	aaaanaagct	cctgttgngg	240
gggngatcag	atgctaaaat	tcctttccag	gg			272

<210> 442
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(285)
<223> n = A,T,C or G

<400> 442
atgcagcagc tgecccangc cctgtgcttg gcaacattcc ccccaatgat gggatgcccg 60
gaggcccccatt cccgnnaggn nncctttcagn cttttatgan accacaatat cncagngcga 120
cncaaaagcct ccaantaaaa tgggaaacca tatctatngg aggagttcct gggacacaga 180
tcattgctgc cnaatnccan ggatcccana cgacaacaag gacacnccaa catgggnggn 240
ggaatgcana nnatgaaccc tccngaggg gatggggggcc catgg 285

<210> 443
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 443
aaatttcccc agtactgcag aagnacaggn attcaaggac aacctctaca gccaaaccag 60
ttgagggcca gcctgttcta tcgagatcct gtctngngga cagaaaaagt ttcattgagan 120
cgtgggtgtgt tggcacaatc ttttatttcc gagcacttga cgcattaaaa ttaagggcag 180
atcttcatga tttggggggcg ggccttgggc ttgattccaa agaaccttgt ttccaaaaca 240
aacaacgaa aaagttgtat gggggggggg gggccaaggg ttttgg 286

<210> 444
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 444
gactgaggta cctcctgnat gatgtcaacc ccncaaaggc ttcaatctcc gcagggatgn 60
ctatatccgg gtggcatcct tgctgaagac gctgttgaag actgaagagn ggggtgctagt 120
cctgcccccg tggggccgcc tctaccactg gcaaagccct gacatccacc aggtccggat 180
tccttggtcc gagttttttg acctcccgag tctcaataaa aacatccccg ttataaaaaa 240
aaaa 244

<210> 445
<211> 190
<212> DNA
<213> Mus musculus

<400> 445
ttttagggac ttctgaagc tgttttgagt tgtttactta tggatcttca ctgcaagatg 60
gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt tggccttgaa 120
ctctacagg tgggcctgcc tttgcttctt agtgctggga ttaaagggtg gtatcaccac 180
aaaaaaaaa 190

<210> 446
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)

<223> n = A,T,C or G

<400> 446

ggcttgggga gatccgcttg tcaggggnnc atcctcttcc aggctgaggg ctcccgttag	60
acactctcac gtttgacatc ttctctctcg gggcgggtgt ggaccaccgc ctgcctntc	120
tcgggaaaaa aaaaaa	136

<210> 447

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 447

gactgtgcag ttgttgctcc tggatgatgtg gatggctcna atgtgctcac tgccagagct	60
acttcgggnc cagnactgaa cttntcaatg tctgcatggg atgccannca ccacaaagaa	120
aaanccgggc ccttgaggga caattttaca cgaccagggg canccccctg ggaagancna	180
attccctggc tgttcccacg aaacaccaag ccaggaagc cacattaagg gacgtt	236

<210> 448

<211> 177

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 448

aggatgatttg ccgttgagaa gctcgctact tcgcacacaa acaggaggta cggggactca	60
aacccccacat tccctctcca ccttcggcct tctctctctg ctgctcttca aaattgtttg	120
aagtttgaaa ttccacgaaa ttcattgtag canaaattan gcccgttgta caaatca	177

<210> 449

<211> 238

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(238)

<223> n = A,T,C or G

<400> 449

cgatcagtag agggaccaga aacttctctg caaagtggcc tgcacaagct caaaccagcc	60
aacgtctcag tgtggacagg gaagggtcga tgaagtgcta cccctaactg agaagtcact	120
gacagtggga aggacgagtt ggggttcttc acagatgtgg tccctgaaag gcttaccctg	180
gctcctngtc accagagcac aggaaattgg gaggagaatg gggggggggg gggataga	238

<210> 450

<211> 207

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 450
 ggctcaataa cattgagcgg cccctgctta tcttcggcac caagtttgac ctgagacagt 60
 ggttcctggg gactgactgg aaccactca ccgtgtgggt ctaccgagac agctacattc 120
 gcttctccac acagcccttc tccctgaaga gngcngggac aactgagtgc accctcctcc 180
 cctgactatc cagactagtg tggaggt 207

<210> 451
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 451
 gactgaggaa ggatttttgc tgggagaggt aagacaagag gaaactttta gcatcagtga 60
 ctcacaaatc agcaacacag agtttctgca agtaattgag atccataacc atcagccttg 120
 ttcacaactc ttcagttttt atgattatgc gagcaaagtg aatgaagaaa gtttggacag 180
 aattctgaaa gatcgggagg aagaaagtta tcggatggta caggttccgg cgaaacaccc 240
 agcagcagat gtectacagg gaacaggtea tccacaagca gctcaccgc atcctcgng 300
 tgccagacct ggtcttcctt ctcttcagct tcatctctac cgccaacaat tctactcatg 360
 ctttanaata tggtctcttt anaccaaacc gnaggtataa tcaaaggata tcacttgnta 420
 ttcocatcta ggcaatacta gccagcagga gtccaaaggg 460

<210> 452
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 452
 aacagcttgt tgcacaagcc tcaggacctg agttcaattc ccagaaccca tggaaaagat 60
 ggaaggagag agctgacttg acaaaaactgt cttctgacca ctgtacactg gactggagcc 120
 acggactgca ttgtacagga aaataaaaaca atttgtatga aaaaaaaaa 169

<210> 453
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 453
 tgaagggtgaa gcttcctggt gaagatggca gaccagtat gttctcactg aagttccggc 60
 ggcattgaag cgggtagcca agtatgtcat ccggggcttt tatggcattg agcacggtgt 120
 tggccttgga catcttgatc cggaaccctt gtgtaaaaga agangacatg ctaggagctg 180
 ntcaagtttg atcgggaagc aacttcgatc cgttttgaat aatttaaagg ganacaagtn 240
 catcanatgc anaatgaggn tagagactgc tgcanatggg aagaccaccc gccataacta 300
 ctacttnatc aattaccgga ctcttgntaa tgggaaggga anataagctg gaccncatga 360
 aaaggaggga ttgaaacaga ngnagagaaa ttcccccaat cgggcttccc ttcaaagtnn 420
 ctgtctgntg cagnactttc actganctaa aaacccatca actg 464

<210> 454
 <211> 280
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 454

acctgactgc	cgagattgtc	acgacttcct	ggcctgattc	tgcaccgcct	gantctgnca	60
gngaccgaca	ggctttgttc	aaaagnatgc	ccaaaccttt	ttggccctct	gtgctacaga	120
ttacaccttt	gcgatgnatc	ctccatccca	tgatcngcac	agggcagnat	tgggggcanc	180
cgngctaggg	ctagggnggc	cngctctatg	tctgggggat	gaacctnaca	aaagttgnnn	240
ggcccgggaa	tcacaaggnc	nctgaaggcc	ccccaggcct			280

<210> 455

<211> 319

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 455

gtcttttggc	gcttcatgtc	ntccatggct	cctcaagaca	tttgteectca	tggtaggact	60
tgcactgtt	gcgtttatgg	tgagaanggt	gtncctnaca	acagactncn	gcaccttcaa	120
nccaaagttt	ccagannctg	natgggtnga	cccanggctg	aagctttcta	ccanagganc	180
atctgaggaa	nctctttacc	tacagtgaca	tctggctctt	ccccaaaaat	cagcggggac	240
tgtaactctg	ncaaactgcg	antgaaatat	aagtttcngg	atgcctatan	ccagaacgnc	300
cttcacagctg	ggaatgcca					319

<210> 456

<211> 367

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 456

cccctgcccg	agaagaaatg	ggngactgtg	ggtagatacc	tccttgagga	tattcaaagt	60
ggtgcctgtg	acagatagca	aggagggatt	ttgaacttta	tacaaacgaa	tcgtagggct	120
ggagagatgg	ctcagcagtt	ttgatggctc	agcagttttg	agcagtggat	gctgttccgg	180
aggacctgag	ttcagttccc	agccccccaca	tgngngctca	caaccttcag	taactccagt	240
tcaggagat	ctgggtgccct	gttctgacat	ctgctggcac	caggtagata	tgtgggtgcac	300
agacgggtata	tgcagccagt	gcaccgtaca	cataaaataa	aaattgaaaa	actggaaaac	360
aaaaaaaa						367

<210> 457

<211> 428

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(428)

<223> n = A,T,C or G

<400> 457

ggcttgcccc	tgatcagcct	gagtctgac	tgaagatttt	ggtgttttaag	gcattaagaa	60
catagcctga	atngttcatg	gagtttttca	tcagtatgtc	tgaaaccata	aatataatg	120
atgatgatca	taaaaccgct	gtttctgaaa	aacactggaa	cgaacagcgg	cctgggaggg	180
agaatttctg	cgacatcgcc	ttcgtgggtt	gaaagatgta	aagttcccga	gcccaccggg	240
ggngntectc	gcccgccttg	caancacgtt	acttttnaan	aaagcttttt	caannaaacc	300

tagaaagtna gaacacgccc cneccccgtn ataagagaat agnatttccc tcccgcctnct	360
nacaatattt tngaagaggg tgetgaactt acatngtnnc nccggccagg atttccggag	420
aaaaaggg	428

<210> 458
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 458	
gactgagatg acggcccttc ttaccaacca aacagaatga ggaatttcgt cccttcattc	60
gaaggcttcc agaattcaaa ttttggcacg cagctacaaa aggcattctt gtggctatga	120
tctgtacctt cttcgaggct ttttaacgtcc cagtgttctg gccgatacctg gtgatgtact	180
tcattcatgct tttctgtatc acaatgaaga ggcaaataca gcacatgatt aaataccggt	240
acataccatt cacacacggg aagaggagat acaaagggaa ggaggacgtg ggcaagacat	300
ttgctagtta gaagctggac tgattctcac acggactcaa gaacggtttt gagccattgt	360
aaacaatgct ttttcttcac ataaagtagt tgattatgag gaagnngaatt tntcttttta	420
agaggagccc	430

<210> 459
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 459	
atactgagta tagtaagaag acatggtttc cccccacttc cacagcacgt ctaagtttta	60
tcttttttgg ggtccttata tgtggggccac antggaacan ctgtgaatat cacgctgtta	120
aa	122

<210> 460
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 460	
gaactgagca tcttccccac cccagacccc cangaccaag gacaggctgn gtccagacag	60
aaactgttca gcatcccagt gaatggacaa ttgcactgaa ctccacaagc atccccctgcc	120
cgtgcccatt gtcctgagat ccttatacca gatggaaaag ttaaatcgtg gctttgaaaa	180
tccaaact	188

<210> 461
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)

<223> n = A,T,C or G

<400> 461

gactgagtat	cttcagatga	aatggccact	gcttgatgtc	caagcaggaa	gcctccagag	60
cagacaaacc	ctcaaggatg	ctcgttcgcc	gtcgccagca	cacatcggtg	taagtaacct	120
ctcagtgaga	gcnccccctc	tgttgagggt	aaaggatctt	ttgatgatta	aaaactenta	180
tttgtctggt	ctttaaaaaa	aaa				203

<210> 462

<211> 471

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 462

gactgagggtc	ctccttggtg	ttcattttctg	ggcaccatgg	gctccacagt	gtgtacagat	60
gaacgatgtc	atggcagagt	tagctaaaga	acaccctcat	gtttcatttg	tgaagctgga	120
agccgaagct	gttcctgaag	tatctgaaaa	atatgaaatt	agctctgtcc	ccaccttcct	180
gttctttcaag	aattctcaga	aagtcgaccg	gttagatggg	gcacatgccc	cagagttgac	240
caaaaaagtc	cagcgacacg	tgtctagcgg	agcctttcct	cctagtacta	atgaacatct	300
taaagaagac	ctcagccttc	gcctgaaaaa	gctgactcac	gctgccccct	gcattgctgtt	360
catgaaggga	acacctcaag	aaccacgctg	tggttttcagc	nagcagatgg	nggaaatcct	420
tcacaaacac	aattattcagt	tcagcagctt	ttgatattctt	ctcagatgaa	a	471

<210> 463

<211> 340

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 463

gactgagatt	tgataatggg	ctgcattaaa	agtaaagaaa	caaaagtcca	gccataaaaat	60
acacacccgga	aaatcttaca	gagcctgtag	gcccgaagtgc	cagtcattat	ggagtgggaac	120
atgctacagt	tgccccgacc	tcttccacaa	agggagcatt	cagtnaattt	taaacagtct	180
ttcnatgaca	ccctttggag	ggctctcagg	gntgactcct	tttgaggagg	cgtcttcctc	240
attntgagng	gtgtcaagtt	catatcctac	agggtttanc	agaggatggg	caanaaagtg	300
atactttcct	ntggaatnaa	gaagccctaa	aagtataaac			340

<210> 464

<211> 238

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(238)

<223> n = A,T,C or G

<400> 464

actgagattc	agagtcattg	ngctcagcga	ngcgaattta	cagacactaa	cagagtnttt	60
aaagaaaacc	ctggatcctg	atcctgccat	tagacggnc	gctganaagt	ttctcgaatc	120
cgtagaagga	antcagaatt	accactgtt	gcttttaaca	ttattggaaa	aggcacagga	180
tantgtcatt	aaagtatgtg	cttcagtaac	cttcaagaac	tatattaaaa	ggaattgg	238

<210> 465

<211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 465							
gactgagact	ccagttctca	tctggctccg	tttttaaact	cccaccttgt	cactcatctc		60
gcttcccttg	agtgacatca	tgaagggtgg	gaacctgaag	caggccattt	tgcaagcctg		120
gaaagagcga	tggagtgact	accaatgggc	aatcaacatg	aaaaaattct	tccccaaggg		180
agcncctgg	ggactttctc	aacctancaa	aagcgctcct	ggagcaggct	atgatngggc		240
cttcccccat	tcctttgatc	ctgtcgtacc	tgaaga				276

<210> 466
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 466							
aactgaggtc	gcagacactt	tgtgaaanga	gtgagtcaga	gacgacgacn	taccccnngct		60
ctcttcccat	accttagcag	ctgnccagga	gttttatgct	tgagcagaaa	ccaatccgtc		120
aaccccagag	gggatgataa	attataacgg	ttgggggtaat	tagagga			167

<210> 467
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 467							
gactgaggtt	agaaagaatc	aaacaatgca	gacataattc	atctccttaa	agattgcgcc		60
ctagtacttg	aatgctttt	tattttaaag	agtagtaaaa	atggaaaaag	aaaaaa		116

<210> 468
 <211> 390
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 468							
gactgagggg	cagagtcatt	acagttgaaa	ctacagagta	ttctgctagc	agccttcaga		60
tgaagatgta	gaactctcag	ctcctcctgc	accatgcctg	ccgggatgct	gccatgctcc		120
tgccttgatg	ataatggact	gaacctctga	acctgtgttg	atgtgctgtc	gggacagctc		180
tggagcacc	ttaaagtcca	gctcttccat	ctccgcttca	tagaacttgc	ggcagaaatc		240
tttaaaagac	tgaaacaggg	caacacgaaa	gtgattagca	ccaacagcct	cctttccagt		300
gcacaaaatc	aaaatatcaa	aatgtaatgg	gngnacagat	ttgattngca	aagaaaaang		360
nggaaatgta	taaaaattca	aaaaaaaaaa					390

<210> 469
 <211> 266
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 469
actgaggagg tgcccagaca tgggtgactg gagcgccttg gggaagctgc tggacaaggt      60
ccaagcctac tccacggccg gaggggaaggt gtggctgtcg gtgctcttca ttttcagaat      120
cctgctcctg gggacagcgg ttgagtcagc ttgggggtgat gaacagtctg cctttcgctg      180
taacactcaa caaccgggtt gtgaaaatgt ctgctntgac aagtccttcc ccctctctca      240
cgtgcgcttc tgggtaaaaa aaaaaa      266

<210> 470
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 470
aatggagggt gaagagttaa ttggcagcag tgtgacgatt gattccatca tgagcaaaan      60
gagagntntt anaaatatga tatgtgaaga ctgtactgat gagctaagct tgtctaaaat      120
ccttggtgccg atcacaccga aactggntaa nccaaaatta tgagggttgg ggaacacccc      180
anagaactgg ctgaattttc ttgctgaaac ta      212

<210> 471
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 471
ggacctgccc tgcttgcctac nnnganngtn nnnnacagga ccataggtgn ngcaagacct      60
acagcancet gntcanagtg gtgggacgtt gcattcccan ccagatctg atcgtcttac      120
tagagcagga gaagngagcc cctgnatggc ttgggaaaaa agaaacaggc agcccagagcc      180
caaggttttg gagacaggnt ttccnancct gaaaatnaga nctccaaaaa atcatggt      238

<210> 472
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 472
actgagagaa atgcaggcag nagntcagga tggnacccgaa gattccgatt tttctacnga      60
tctcnagcat acagacagnt nanagagtga tggcacctcg cgccgatctg cccgagtcac      120
ccgctcctca gccaggctaa gccagagttc ccaagattcc agccctgttc aaagatngnc      180
agtctttngn aactgnngag cctgnctatt ctaccagaag ggtgacctgt agtcagcagc      240
agcccacgcc agtgactcca aaaaagtacc ctcttngaca gactcgctca tctggctctg      300
aaacggagca ggtggtggac ttttcagata gagaaactaa aantacagct gatcatgagg      360
agtc      364

```

<210> 473
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 473
 actgaggttt aagtgcccca tttgttccaa gtctgtggct tccnatgaga tggaaatgca 60
 ctttataatg tgtctganen ggctngngc tgctctacaa tnatnatgtc cctnactaaa 120
 natgccgggt gagtgtgcta atctccctga agaantgtct tcaggnggnc acaatagcca 180
 gcttgcttg ccttgtncat ctataacaaa agnctgcnta anctcatggg ttagaagtga 240
 acag 244

<210> 474
 <211> 368
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 474
 gactgaggtc tactgtctgt ntgtctctaca ngggttactt cctccaggac tgccanctgt 60
 nngatcanaa taccgtgaca ctgggtgtggc ttgaagnata ttnacnctc nccngagaat 120
 ctctaangct acntactcac ccacttctga naggcgtcaa aggttccaan cgaacnctgc 180
 ctggntcact agcatcagaa ttccacagat ttaggttcat tctncttgcc tcagaaattg 240
 atcaaggggc acattcccct gatgttaact gcaaaccctg acgagtctct naagacagnt 300
 caancttcan ncnngntttg ggctttctga acctctgggc caccctcage tccatttcct 360
 tgacaagg 368

<210> 475
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 475
 gctctggaag ctatggacca gcangacctt ccagaagaga gagaccgatg gcagtgggtg 60
 aactgataag ggccctaggt aggctnaaag tgnccacgga ccaagatagc attgaatttg 120
 gggcatctgg gggctggctt gactttataa attggacctg ntaagcnagg ttcctttgga 180
 ctgggaatgn aaagaagggt gtcacttgnn naaataaate tggatggccc ttggggcnta 240
 ccnncgnccc ccggggngtt ttctgggaag cnagtngnga aaaagggggg gcctttttaa 300
 aaaagttttt nttgttaacc aactgggccc ccaccntttt aaattnttgg anttttaaaa 360
 aacccctttt ggaa 374

<210> 476
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)

<223> n = A,T,C or G

<400> 476

gactgagatg	gtggaccggg	caagattact	gcttgctgcc	ttgagtgana	gtgggattan	60
tcggaatgac	ctctttgatg	ttgatgggtg	agatgctggc	cttgccaccc	ntacncccc	120
ttcanttcaa	cagaagcngc	ctccatccac	ttcaacagct	nggggctgaa	tcacaataa	180
tcaacttcca	tctttgngat	ntnccaatan	ncnatgactc	actccccnc	ctgctaaata	240
cgaaggggga	naacntcac	ctatgacaaa	ttatc			275

<210> 477

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 477

gaaaaccggc	cattgaatag	aatncacngt	caagccgann	atncnanccg	gannatgtga	60
ttatncangc	tannngcat	atgctactgg	agacnacaaa	gcctgtttcc	ctcggancca	120
atccgctggc	ttaaattttg	cagaganaat	cacgtcagnc	cncagaaant	cttcctctgt	180
agccatctgn	nanncnngn	gtntnaanta	aatgactgtg	nctaatacagn	ncacagcctc	240
atggagantg	actcctaccc	ctctgttctc	gaggtccaaa	atgnacttan	atctgctgtc	300
ccanagccag	aggaggctca	cntagacctc	ggagggggac	tcttggaagt	cactggcttt	360
cccttccct	tgctgccaag	accatattct	gaag			394

<210> 478

<211> 429

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 478

gactgagatg	ggctgggttaa	aagaaaagca	gcttatcgaa	ccgaggtgag	cgatgaagac	60
atccaaacaa	tgccatgctg	tacaccggga	gcactttcta	tttgccctgg	aaactacgag	120
cggagccct	ggatgccatt	ccactcgaag	gcccccaagt	ctcctaaggc	actgcaagta	180
agaaggagcc	gggtcacca	tgaattcact	ttgaagtagg	tggaacttg	ccacgacgtc	240
cctnagctgt	gacgtgtga	gaactcggct	ggctgactgc	aggtattcca	tggtacctt	300
ctcccggggg	gttgagacgg	ncacaaaggg	ttnacactg	cccaggctac	tcatgtccag	360
cgttaagagat	acattggaac	ctcgnctaca	tgggggaaag	aatgntatta	catttaaata	420
ttcatgaat						429

<210> 479

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 479

tatgctggat	gagcagtggt	naccatctan	atcgcataga	agaaggcatg	gaccaaataa	60
ataaagacat	gagagaggca	gagaagactt	taacagaact	caacaagtgt	tgtggcctct	120
gcctctgccc	ttgtaatagg	gcc				143

<210> 480
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 480
 actgaggatg ggatgogtga agtccagggt cctccgagat ggaagcatgg nctcnaaaac 60
 agagccaagn gccaatcaga agggccctgt gtatgtgccg gatcccacgt cctccagcaa 120
 gctgggacca aacaacagca acagcatgcc cccagggttt gtggagggtg agtatctagg 180
 aagcttgggt ctcagcatca nnatacatnc attancttag attctgagtt gtaactgatg 240
 ggggaaagt 249

<210> 481
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 481
 tgttgggcct taagaggccc caccgggtctt tctttgagtn cttnatccgg acactcatca 60
 tegtgggcac tggcctgnct gaggnctctt tnttcagtcc tncatctgcg atggccacnt 120
 ggctctctaa tggaaggatc atctcttttg gggttgngg aactttctgc accatcgga 180
 aaccacagtg gaaccacatt gtcttganna gacctgagcc caggggccca tatgccccgg 240
 gegtgggctg gtagnncatg ggnccnanc ncgccaagtg gnggnccgc cattggcnag 300
 nnggtgngcc ttnccaattt tcccccttg gaaaatgctt cattggtngn cccaaggngg 360
 ggtaaaaaag tnccgttnac gggacaaggc gggcccatcg ggttcct 407

<210> 482
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 482
 tgatgaaaaa ggagattnta tgagcagatg ancggctctg tnacctnccg ctncggccag 60
 nanaatgggtg ccggcgtnat cctccgagnt gttgnaagag ccggagagan catccagaat 120
 tccttgggtg gaagatgagg gcc 143

<210> 483
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 483
 agacaacggg aggcaccaca gaagtctgtg gaaagaacag nagatgaant gnccaganct 60

ggccttacag ggccttcaca gagaacgtnc caccgcgtgn aaactgatgc cgggctcctt	120
ccccncggga cggagtcttc aaacatatng gggataaaaa tgtttcctgg t	171

<210> 484
 <211> 531
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 484	
gactgagaac tgtgcctggg gatcttgntt gcttcagtgc atctacaaca tcggcctact	60
cctccctgtc ggtgattgag atgatctgtg ctgctgtctt acttgtcttc tacacgtgtg	120
acctgcactc caagatatca ttcataaact ggccttggac tgacttcttc agatccctca	180
tagcaaccat cctgtacctg atcacctcca ttgttgctct tgtagaagga agaggcagct	240
ccagagttgt cgctgggata ctgggcttac ttgctacgtt gctctttggc tacgatgcat	300
acatcacctt tccctctaaa ggcagcaaag acatacagca ggctcccact gacccactg	360
atgggcccgg tgatcgtctt tcagctgtct ctgctacctg gncaataggc tcctccatca	420
aaaaactttc ctectgnngg ggcggggggg gggctccgcc tttcctccaa agctntcagg	480
agggagaagg cagggnggat ccctggngaa gttgaggcca gggctacaca g	531

<210> 485
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 485	
tttaagcccc cgccctccgg gtcgcctttg cnggatcncc gctagnctgg acctgncacg	60
cggaccgcac ggngagctnc nggnaanggc agaganngac ngagtcgaan gnctngctct	120
ccntacncac atcgcccggg tagnctctcc tacacanccg tgactttcan aaggagctgc	180
tctcctcaca ccttggacgc cgccggaagc tncaaaccgc gccgcactaa cgccgcccgc	240
atgtttccga gccccgccca cacgcggnga gctacttccg ccctggcgga gttegtctct	300
cggcagaaac tggagcagga gctcagggtt ccgcagcnag cggaagtgtt gccttagaac	360
gcangctcaa tggctttcct atanccccgg agganccggg agctaggggc ngtgtccnaa	420
gcgcanaaag ccacagttgt tcaattttct aagcaacagg nctctggtga tccaggcttg	480
tgg	483

<210> 486
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 486	
caaateccga gattgccagg aggetttctc tcanagggtg taatcccaat ttgaaagatg	60
gaactggttt tgctgtcatt catgatgctg ccagagcagg tttcctggac actgtacagg	120
ctttgctgga gttccaggct gatgttaaca ttgaagataa tgaagggaac ctgcccttgc	180
acttggctgc caaagaaggc cacctccctg tgggtggagt ccttatgaag cacacagcct	240
gcaatgtggg gcatcggaac cataaggggg acaccgcct tcgacttggc caggttntat	300
ggaagaaatg aggtcattta gcctgatgga ggcaaattgg gttggggggg ccacaa	356

<210> 487
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 487
 tgaggtggga ccccggggggt agagctcaag tccccaggct tggcagcaag caccgttagc 60
 tgcagcatgt catggtttag tggcctcctg gttcccaaag tggatgaacg gaaaacagct 120
 tgggggggaac gcaatgggca gaagcgccca cgccacgcga atcgagccag tggcttctgc 180
 gcacctcgct acatgagctg cctcattaat aaaaaaagaa 220

<210> 488
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 488
 cyggggcactg caagatgggt cacnagataa tactnaactg ctttgatgtg acccttgccc 60
 cttcattnac anaenggggg tcctttanac tcccagccct gggcacacac accactcact 120
 gaacacccca gnetgaatag nttattttct cantagnac cagagggtgt gttcacttg 179

<210> 489
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 489
 gactgagagt cactgttcat tttatttcaa aatcggagca tgttcgtcat ggagacagat 60
 gttctcgggt gcacaataaa ccaaccttta gccagaccat tgtg 104

<210> 490
 <211> 384
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 490
 tgagctcttc cccaacgccc ctacgccaat gtctccan cn gncacaaacg tgaatgangg 60
 actntencan tntctttcaa natncanang ggcnetgn gn anantttcc agggangagg 120
 gttatgactg attgcgggac atgccagatg gtaccttctt agttcgtgat gcctcaacga 180
 aatgcaggg ggattataca ttgactttga gganggcngg aattgcctgt atctgcagga 240
 tctntaatat gtgatggccc tcgttggcac ctcentann c nenggcataa tctaaaatgg 300
 ngnaccttat tacnctctac caccacaagt ctctcgetca gtccaatccc aaactcgacc 360
 ngnaanctgc gtacccagtc tcca 384

<210> 491
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

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<400> 491
ctgaggggtga cacttcccaa atctcctcag tcctgacccc ggcacatgc atcggaccac      60
acggattaaa atcacggagc tgaaccctca cctnatgtgt gccctctgtg ggggctattt      120
tattgatgcc accaccattg tggaatgctt acattccttc tgcaaaacct gcatcgtacg      180
ctacttggag accaacaagt actgccccat gtgtgacgtc caggtcata aaactcgacc      240
actgctgagc atcagatcag acaaaaccct ccaggacatt gtctacaagt tgggtgcctgg      300
gcttttttaa gatgaaatga aacggcgacg ggacttctat gcagcatacc ccctgacaga      360
ggcccccaac ggctccaacg aggaccgagg cgaggctctg gaacaggaga agggggctct      420
gggtgacgac gagattgtca gtctttccat tgagttctac gaaggcgta gggaccgaga      480
ggagaagaag aacctcacgg agaatggaga tggggacaag gagaagacag gagtgcgatt      540
ccccta
546

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<210> 492
<211> 426
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

```

```

<400> 492
gactgagggtc ttgtccaata aacatgtggc tcctgaccac ctactacaga tatgccagcg      60
catcgggtccg atgctggata aggaggtccc gcccagatc tcaagagtca cttctttgct      120
tgggtgcagga aggcagtcct tgctacgaac agcaaaaggt accttaattt gaagaagtgt      180
tgncttttgt attagtagct tacattgcag ttgggaagct gtgtaaacac cgtggaaggt      240
ttgcagtgcc atggactgac tatacacttc tctgcattag tagnaagatct ccgaatttta      300
nccatgcgct tgatgggtcc tccentttca naaaacgtaa aatgttaage ctgaaaagct      360
tgnagttnaa catgggggctt ggagggttta tcaangnga gtncttaatt tttttccatt      420
ttggaa
426

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```

<210> 493
<211> 478
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

```

```

<400> 493
ctgaggatcc actgaccttg anccactcca aagctctctg gagtcagaat cagctggctt      60
cctctagccc cactccagga tcttttcccc agggcactga aagcctcagc ccttggcaga      120
tangaaacgt ctgggcaagg gtnnacaggc acaactggca cctgtgtgag taangagcgc      180
acactgaact gcccatnnca ccaacaccct cctttaccct ctctgntcg ctctnggcc      240
tattcttgct ntgtgtgtgg aaagagggtt tcaactcaagc atnagatgga gacacattac      300
cgagnccaca caggagagaa gcccttgtec tgtagcccta tggctcctcag cgctcncggg      360
atttctctgc catgaccaag cacctgagga cacatggggg ctgctcccta tcgatgcct      420
ctgtgcaggg atggctgccc tagcctggcc ttcatgnagg ngcacatgcg tgggcact      478

```

```

<210> 494
<211> 454
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

```

```

<400> 494

```

attgaggaac	agaggttaca	cctggggcccc	gagaggctct	ggaaactcct	ccccaagcac	60
aaaacccaac	tgtactaagc	tttttgtgag	ctatttcagc	ccagaatggc	tgtggaatcc	120
agagcaattt	caacctttta	aacctcagga	ccatcaagaa	gaattaatnc	tagtgaaaat	180
ngaagatagt	agctttttctt	gaagtcagan	atgtaaacag	aatgggagng	cccaaattctt	240
gccnggaatt	atttcgccag	caattcagga	agttttgcta	tcataaaaca	ccctagggcc	300
ccgagaggct	ctggggcgac	tccaggaact	tttgccatca	gnggnttaat	gccagagttg	360
cacacaaagg	agcagatcct	anaactgtta	gtgctggagc	nagtccttga	gcatacctacc	420
tgaagagctg	aagatanggg	gttcaacaac	atgg			454

<210> 495
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 495						
ggcctctcag	ccccaagaaa	gaccgtgtga	atcattgtct	aacaatatgt	gaaaacattg	60
tggcacagtc	tctcagaaaa	caaagaagaa	gaagaagaaa	aaaa		104

<210> 496
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 496						
actgattcgg	tattctaaag	aatgggaccc	ttccttccaa	atgagaactg	catatggacc	60
acaggacatc	tatacagtga	aagctgtgct	tctggggctg	gagagatggc	ttgaagggtta	120
agagcaactg	ctgctctctc	agaggaccca	ggttcaattc	ccagaaccac	atggaagctc	180
acaactttct	gtaactccgg	ttccagggga	cccggcgcac	atgcaggcaa	aacgccaacg	240
ctttagaata	aaantaatta	aaagagaaaa	aa			272

<210> 497
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 497						
gactgaggtt	agattcagaa	caagaaagtg	gacatatcca	aggtctcctc	caagtgtggg	60
tccaaagcta	atatcaagca	caagcctggt	gaaaaaaaaa	aa		102

<210> 498
 <211> 349
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 498						
ctctgcacac	tactgaactg	gaccgangnt	atatccagga	aacgcttgta	agtggatcga	60
gctaccactg	ctgcctccta	tgaactgaac	tgatgatttc	ctgacaangc	agatgggatn	120
tactccaaag	ancaactgct	aaacaggnc	acttccctgg	tatectanta	acctttcttt	180
tntactcgct	ctggnggatg	atgggctana	nggaagggtta	nagcatttaa	gancctatna	240
naagagccgg	gngtgngggc	acntgccttt	natcccagna	ctangggaggc	agaggcnggn	300
ggatgactgn	gtttgaggcc	ancctggngt	acagagagag	tgccaggac		349

<210> 499

<211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 499
 ttatctcagg ccggtcctgc cccggggggac ctgctectca acgacatcat ggtgnccttg 60
 gncnaccctt cttncgccag caggatgggc tgctacgggg tggctacnag gcacaggaac 120
 cgtcttgccc ggtgttgcca ccgaggaagg ntgtcccagg cantagcttt acctatgtca 180
 ntgaggactt ncggacagag nctcctccca gcccagcag agatgttgaa gatccccggg 240
 aacatcaggc acacaatgcc cacctccgtg ggccccacc aaagctcacc cctgtntctg 300
 gaaagctgga gaagccttgg ntgncctgna actaactggg cagaccaggg ctgncctgna 360
 nctcacagag atctgtttgc ttntgcctcc cgaggggctag gataaaaggc att 413

<210> 500
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 500
 gactgagatt ctccaaacac atagataaac acanagatcg anaacaccgg cataaggagc 60
 acatgaagga taaggataag gaccgggaaa agtctaagca tagcaacagt gaacataaag 120
 attctgaaaa gaaacacaaa gagaaagaga aaaccaaaca caaagatggc agctcagaaa 180
 aacataaaga caaacataaa gacagagaca aggaaagacg aaaggaggaa aagattagag 240
 ctgctgggga tgcaaaaata aaaaa 265

<210> 501
 <211> 377
 <212> DNA
 <213> Mus musculus

<400> 501
 gactgagggt tcttaaggcc cgcgccgcc caagccccac ccacagcgct ggccccgcc 60
 accatgtcga tgaccatctt gcgcaggctc tgccgctggc gcttgctgag gttctggaag 120
 atgtcgcagt tctcttcttg cagcagcttg aatcccacag ccagggtggg gttctcaagc 180
 acagactcat cgttgtacat caatgccagc tccgaatctg cagagtacca cgtgggtacca 240
 cctgggtacc aagccccgcc ccgtgcgcgc ccagtctcca gttggcttca ttttcagact 300
 gactagtccc agccccctcc tctgccacat cgggtgcttca ccaaataaac caagcatcag 360
 ggcctaaaa aaaaaaa 377

<210> 502
 <211> 325
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 502
 gaactgagag ctcttccctg ctcttctggn cagccagtgt gtgcagaatg ccccaacaaga 60
 ttggatttgt agtggtcagc tctctctggac atgaagatgg cttcagtggc cgagaactaa 120
 tgatccacgc accaaccgtc agtgggtgga gatcaccaaa gtaaggctgg gctgaggggt 180

gggcatgaga ggcgatctct gagtgaatac atgggtgggct ttacacctcc tggtcacaaa	240
acatgaaatg catgtctaga cagctatatg gtatatattca gtgaaaacta aattaaatca	300
ttaaaattaa agtacaaaaa aaaaa	325

<210> 503
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 503	
gaggttcctg aaggcttcaa aggaaacctg atagaggagg ctcaatggcc ctgagtgaag	60
atgaggctga ggcagaagtg tctgtcaaca caaaggccn atcctgtggc aagatggagg	120
aanacaggcg ttgctgcctt ccaggancta catnacagct nttcaatgcn ttctggaact	180
ataactgtac tnntcatgca caggaggntn nacantgnan nacttcentg ctaccnctgt	240
gattccatgtg aggtggt	257

<210> 504
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 504	
tgtgtgcaca gctgccacc cagtactgga cagcatcage atcattgaca ctcttgggat	60
cctgtctggg gagaagcagc gcctcagccg agatttattt attattatac agtgtactat	120
ataataaata aataaatctt taataaaaaa aa	152

<210> 505
 <211> 395
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 505	
acactgcaga ggaaacccga attgcttggt tggcattggc gagcacattt ggtaggaga	60
gatagatgag aatagttttc atagcattga tgatcccaac tgtgagagga ggaaaaagaa	120
ttcttttggt ggcttgacta acctgggagc cacctgctac gtcaacacct ttctccaggt	180
gtggttcctc aacttggagc ttccggcagc gctgtactta tgccccagca cctgcagtga	240
ttacacgaag ggagatggga tccatggggg aaaagattat gggcntcaga cttgnnnnna	300
ncatnttaaa aacttggttag ctttggttgca aaacaagtaa caanacgata catnggatcc	360
ttcaggattt gttaaagcct tgggcttaga tactg	395

<210> 506
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 506	
tattgggttac cgtcagagct agantcccat cactgtcctt caaaatgcaa tggaatgtac	60
cacggactat gtctcggctg gcactcagga cattcgtgga agcacagaaa gccaggctct	120

ttgatcacca	ttggcgcata	aaagggccgt	tacttgtgca	tagaggtgaa	tacagagttg	180
gcttggacac	cacaccttcg	aaagcagngg	ctacatttat	ctgctgntca	gtgccttgca	240
nagnaaagga	atctcttaaa	tgctcaagcc	gcgctaagtt	ggggaccctt	gcgccaggaa	300
acgaagggag	nngnacattt	tattccaana	gggtttttat	cttccagntc	cacatcccag	360
ganactncat	cagaaaanga	aggnagaaac	cnggacnctt	tacaanacaa	cttctatcag	420
gnctgtatca	accggtntaa	gaaagacatt	tagacaatta	tgggaaaagt	tggtta	475

<210> 507
 <211> 487
 <212> DNA
 <213> Mus musculus

<400> 507						
gactgagata	ccattaacaa	ggacactaag	gttcccaacg	cctgcttggt	caccatcaac	60
aaagaagacc	acactctggg	gaacatcatt	aaatcgcagc	tgttgaagga	cccgccaggtg	120
ctgtttgctg	gctacaaagt	ccctcacccc	ttggagcaca	agatcatcat	tctgtgtgcag	180
accaccccag	actacagtcc	ccaggaggct	ttcaccaacg	ccatcacaga	cctcatcagc	240
gagctctccc	ttctggagga	gcgattccgg	gtggccatca	aggacaagca	agaaggaatt	300
gagtagcagc	tgaaagaagc	gttgcttagt	ggctggaagg	ctggcacata	ctcctcaggg	360
cccttcagtt	taccacatgg	cgacagccac	tctcagctct	ctagctgggc	acggggctct	420
gccccattct	gtacatagac	tggttgtttc	ctaataaaag	cagagcagaa	aatgggaaaa	480
aaaaaaaa						487

<210> 508
 <211> 455
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

<400> 508						
gctggaatta	cagtttccca	ccgttcgtgg	ctcagattgg	gtttttgaag	ttgatcaagg	60
agccacggcc	tncagcacag	ccctactgcc	agcaccatca	gaggttctga	accaccccgg	120
gaacgctcaa	ttgggggatgt	caccacggca	ccatcagagc	ctctccatcg	cccagatgac	180
cacaatttga	ccaacttaat	cattgaacat	ggcggttaagc	catctnggaa	ggccttccca	240
gtcctggaca	ttgactaccc	tcaagtgcgc	acaccctttg	agatctccct	ctggattctc	300
ctggcctgcc	tcatgaagat	aggtaccgag	cctgctggct	tgccgaagcc	tectgcagtc	360
ctgcactgaa	gaaccatctn	ctccctccaa	gctgcttttn	ttttcccttt	gcctttttcn	420
aanatcnat	tttattttat	atatatgaag	catcc			455

<210> 509
 <211> 514
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 509						
agaccagtgt	ctcttcacca	gcacccagng	taaggctctgc	tgngccatgc	tgattttctga	60
gtctcagaag	ctggcgcatt	accaggtagg	caatttctac	tgtcttcgtg	cgcttacctt	120
ccaggcccag	cactaaggcc	tcgtgtcttc	tgccttacac	agtanaagct	ccttgcacag	180
ntaccagatg	tttcttcat	acgtgtttgc	tagggctnga	aattgactta	gtttctgtga	240
ctgncatctn	gcccattgcaa	gacagtatcg	ttgnatgcan	atcttgccgg	acaacgtgat	300
gcantaggaa	gtntgagctt	tggttttacc	tanaccagaa	tttgaagcca	accccgttat	360
tcattgnagg	caagaaattt	caccatactt	ggccttagct	tcattcttga	cacaatanca	420
gtgttntcat	agattgtngg	aggctaaatt	taatagcatg	taaagggcct	agcacatggt	480
agggactcaa	taaataaagt	tttcttcccc	caca			514

<210> 510
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 510
 atgtgttctt ataagcacac acagnggctc acacctgtng gcccgttctt gggaagnaga 60
 ggtgggaaga ttgctgtann tnganaccaa cctgggctaa gnacattana gggaccctcc 120
 tttaaaaggg gaanntatnt tcctcattgg aagaaca 157

<210> 511
 <211> 444
 <212> DNA
 <213> Mus musculus

<400> 511
 gactgagctt cctcattggt ctgggtctgcc tcattcttcag tgtcctgtcc actattgagc 60
 agtatgccgc tctggccacc gggaccctct tctggatgag gacctatgga agacttctga 120
 agccgatcac ccatggagct cctattaaaa gaaaggacat gcattgcctta cactattgag 180
 acagatgtgg gtgttctctg atccgaactt actgcaaggg ctgctagtgt ttgcctggca 240
 tacatgaatc cctgggttca atctccagtc tgtataaact gtgcacagtg tacacacctg 300
 tgatectagt gctgggagat gaagagagag aggagcactg gaagggtcaag gttatccttg 360
 gctacataga gtttgaggtc agcccaggct ccatgagact ctgccccagc aatagcaaca 420
 acaacaataa caaaaataaa taaa 444

<210> 512
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 512
 gaactgaggc cctgancttn atcatcttct tngcttcacg gcctccatct ctgcctacat 60
 ggctgcagcg ntgctagagt tcctcatcac actggccttc ctcttctctt acgccacgca 120
 gtactaccag cgcttcgata ggctcaactg gccttgctctg gacttcctcc ggtgtctcag 180
 cgccatcgctg catcttctctg gtgggtctctt ttgctgctgt gacctcgagg gagggagctg 240
 ccattgctgc ttttgttttt ggcattcatc tgggtctcct ctttgccctat gatgcattca 300
 agatctaccg aactgagctg atgcccagta ccactgaggg ggaccagcag tgattccagg 360
 gttacctggc tcccacgacc agacacaagg aaccgnggag cccatctttg tcattcttga 420
 attcaccgaa cccaagtag ccaccatcta tattccacgt tttcaganat gngcgcttga 480
 naagncccag gcacctgggg gaactggg 508

<210> 513
 <211> 424
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 513
 gactgagttt taagctataa cattaatcat gactgaccaa atcaaattca tcgtggacag 60

cctcaataag	gagcctttta	agaagaatta	taacttaate	acattttgatt	ctttgggacc	120
aatgcantta	ttgcaagttc	tcaatgatgt	cctgggtgag	attgacccca	agcannatgt	180
tcatatcaga	gnggnnatgc	cagagcagac	ngccaaacga	ctgatgaate	ttcttggtnt	240
ccttnecnac	aaacctccgg	gaaatgccac	ngacatgagc	nccttccgtc	angncttggt	300
gattggaagt	aaacctgtna	ttaacccagn	gctccactgg	cttcttcagc	ggagtantga	360
actaaagaaa	agggnntatt	tagctngttt	cttaataaaa	ccggaggtgc	caagtgagtt	420
tctt						424

<210> 514
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 514						
gactgaggta	caccaggggt	tggaaaacca	cactaggcaa	agaacttgca	tcaagatcag	60
gcctgaagta	cgttaacgtg	ggagatctag	ctcgagaagg	gcanttatac	gacagctacg	120
atganganta	tngntgnccc	atnctaaana	aggataggga	tgcacnatna	gttngancat	180
ctectgcagg	atnggcggga	ttgnttgtn	attacccacg	gagtganact	tcttnnccna	240
ncgtgggnc	tatntantgg	tnagcagtea	gtgancagat	gatggtgtat	tgtataacac	300
gacttgctac						310

<210> 515
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 515						
gactgaggga	aagtcattga	ggcttcagga	tcttcttccc	agtctcaaga	cagtgggtgga	60
gtccacaggg	aaacgggaaga	tcaactgncc	gaccatgggg	ancacgggaan	atnaagggaa	120
ngccentgag	cnatatanna	nagacaagtc	ttctcttcca	tcctcatnct	cttcattctc	180
ttctctctct	ttctctctcat	cttcttctct	ctctctcagac	agcagcnatg	aggaccagcc	240
ctccnnaggt	cccagganac	acanaaggag	gccccncagg	gacagcttgc	gtgggtgccga	300
ccatggggaa	ctggaagtgc	taaaggacga	gcttcagctc	tgcggaggtg	gtg	353

<210> 516
 <211> 535
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 516						
actgaggatc	cttctttgat	gacctcgagt	ctatggagga	gtccatgtct	cggagcctgg	60
gcaagcctgc	cnagtctctg	aagcagnacc	tgctggcagn	tcactctcgn	aatatgaggc	120
gctggatcgg	gagcttccgt	gtatcaacna	aattctcana	accnccctct	gcccancccc	180
tctgcctttg	catggagact	taggaagact	ttacacacgt	ggaggcgctg	caggcttttg	240
aggctganct	gnccggngnc	atggaaagcg	ggcgcgtaaa	cagtattcgc	tacganaata	300
tgaatgtcat	ctgnggnact	gcgggcccga	gggacaggng	gctnatcacc	gtcacagact	360
tccagacgcg	gtcacgcctg	ctgcgctccg	ggctcaccct	ccgtggaacc	gngtaccacc	420
tggtgcgcca	cgacgattta	ctgctggggg	actaccggtt	gcacctgcgc	cgctctntgg	480

nncnaaaggc gcatgctega agccctcggg gnggagcctg ccgacgaaga ttgac 535

<210> 517
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 517
gactgagact cccttaggtg ctaatcattt aactgcaagc atgagtggat taagtctgca 60
tccagaggga ctaagagttg tcaatcttct tcaagaaagg aacatgcttc ctccacacc 120
actgcagcct ccagtcctaa atctgcttga agacatccag aaactcaact gtaaccaga 180
gttggtccga tgcacgctga cgagtgtccc tcagactcag gccttactga ataaagccaa 240
gcttcctctg gggctgctgc tccaccctt caaggacctg gtgcagtngc ccgtggncac 300
ctccancaca nttgggagan gccgntnatg caggacttac attaaccctt tcg 353

<210> 518
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 518
tctgagcctt ctggccgggg ctecccggn cctcgtgtg ggtgatgact ataccaaccg 60
gactgggtgt gtgtacctgt gtccctcac ggccacaag gacgactgtg aacggatgga 120
catttcagag aaaagtgaga cgagcctgag ggcagagcta agtcgggagc ctggcagagg 180
gggcccagg gggagatacg aggttagctt gttagggagg caacatttga agctaagggg 240
aaaagacagc gagatcaagg ctagatctac tatgggctac atagtgggtt gcagaatagc 300
ttgagatgta aaatggagat cctggctcaa aaagcaaac aaaacaaa 348

<210> 519
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 519
gactgagatt tgccgagagg ctgagttctc tataggaaca cccacatttg tatggatgag 60
tggggaaaga tagctgcagc agacaaggaa aaagcgtcct gacctccga gaacatgagt 120
atgctaaaac ccagcggcct gaaggccct accaagatcc ttaagccggg aagcacagcc 180
ttgaagacgc ctgctgctgc tgcagatcca gnggagaaga caataccag tgagaaagcc 240
tcgggccctc catcctctna gaangntgat gaaaatgata aatttttctc tggagtagaa 300
naaantggga gtgatgagcc agccttcgtg tattacatga atgatgggtt ttatggttct 360
tttgc 365

<210> 520
<211> 165
<212> DNA
<213> Mus musculus

<400> 520

gaggacctga accaggcccc ccaaccccaa gcagatgagg ggcctccagg ccgctccatc	60
gggggggatct cacccaacct ggggtgccttg gacttgctag gccccagccac tggctgtctg	120
ctggacgatg gactggaggg cctgttttgag gacatcgata cctcc	165

<210> 521
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 521	
ctgggagtgt ggcaggaaga agagctactg natgcatggc tacattaggg nnnngaaaatg	60
agttgngtna acactaagac caggggtgcct ttcngaagga agatccttnaa ctaaatatga	120
atgaggggnnn naantttttt tgtaattata aatgggagaa naaaatttat gaaatgtntg	180
tcatnagcac attgattata aatgtctttc tgtnggaaaa aaaaccattg	230

<210> 522
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 522	
ggtgcaagcg tctcctgatg aaatgtattg tgccccactg ggctccaaag gcagnatctg	60
ggctgttga tgcccttggt ggaactttcc agagtccaa gccccccatg ctgtaaataag	120
tctggtcgtc agagtaggga ggagcccggg cttctgttta tgtatgtatt tattttattta	180
ttatttattt attacaccta ataataaaaa ggtgctca	218

<210> 523
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 523	
gactgagctc ggattgggaa aatgaacgga ggaagcaaga tgaagggcag ntntgtncce	60
tgtgcatccg tcccctggca ggatcgganc aggagatnan tanncatgtg nagcactgcc	120
tggctaagag ggaaggctcc tgcattggctn aagatgatgc tgtggacatn gagcatgcgg	180
acagcancce ctttgaggaa tatgagtggg gtgggcnгаа gcgnatacgg gccnccacac	240
tcctggaagg tgnnttccca ggtataaagc nnntganaac ttgggtgggt gnactcnggn	300
naccaggcca cttctgggan cnggacannn ttccaccac gngggagctc ttgctcgtgg	360
ggctcctttg ngaccgngct gcccgctgt gatgtgcata ttaaagnngn tgtatttggg	420
tggggaa	427

<210> 524
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 524

gaactgaggg	atagcgtggc	ccagtcgtct	tctttgtgga	ctatgcagtc	taactgctta	60
tatatggaag	aaatcgaaga	ctcgggtgact	gttcgggatt	atatccaatc	cactatggag	120
actgaaangg	acccccagng	cctcttggac	ctggccagga	ggatggngcn	ggttcttggc	180
cggaatgcac	gancaagacc	tcattcacgg	ggacctcacc	acctccaaca	tgctcctgag	240
gcgggccctg	gcgcagctgc	acatcgtgct	catcgacttt	gggctgagct	ttgtctcagg	300
actgcccggaa	gataaaggcg	tcgacctcta	tgctctggag	aaggccttcc	tcagcacgca	360
ccccacacc	gagaccgagt	ttgaagcctt	tctgaagagt	tacggggcct	cgtccaagaa	420
gtccagtcca	gngctgaaga	agttagatga	gg			452

<210> 525

<211> 466

<212> DNA

<213> Mus musculus

<400> 525

actgaggtec	cttaggagga	accccttgag	ctcccgggtct	aaaacacggt	atcgccagtg	60
tgagggctaa	atgggtgtgat	aacacccaag	agccaggaaa	tggcaacagc	cttggagcca	120
gaggaccaag	atcttttggga	agaagaagga	gttctgatgg	tgaaactgga	ggatgatttc	180
acgtgcgggc	cagaatccgc	cttggagggc	gatgatcctg	tactggagac	ctctcaccag	240
aacttccgac	gcttttcgata	ccaggaagca	tcaagccctc	gagaagctct	catcagactt	300
cgagagcttt	gtcatcagtg	gctgaggcca	gagaggagaa	ctaaggagca	gattcttgag	360
ctgctcgtgt	tggagcagtt	cctcactgtc	ctgcctggag	aactgcagag	ctgggtgcga	420
ggccagcggc	ccgagagtgg	cgaggaggca	gtgacgctgg	tggagg		466

<210> 526

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 526

tgcaccatac	atccgagagt	ttcgaggacc	ctccganatg	ctcactccta	nancaagagc	60
agaaacccgg	gaagaacgca	tggagagaaa	gagacgggaa	aaaannggcg	gcgacagcag	120
gaagtggaga	cagagctgaa	aangtgggac	cctcacaaatg	at		162

<210> 527

<211> 380

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 527

gactgagttt	gtgaagtgtg	gatatgcagg	ctctaatttt	ccagaacaca	tcttcccagc	60
tttggttgga	agacctatta	tcagatcanc	caccaaagtg	ggaaacattg	aaatcaagga	120
ccttatgggt	ggtgatgagg	caagtganct	gcgttccatg	ttggaagtga	actaccccat	180
ggagaatggc	atctgtgcgg	aattgggatg	acatgaagca	cctgtgggac	tacacatttg	240
gaccagagaa	actcaatata	gacnccagaa	gctgnaagan	tttacttaca	gaacctccca	300
tgaatccaac	caaaaacaga	gaaaagattg	tnnaggaatg	gttgaaactt	accanntttt	360
tggggtgttt	gaaccttca					380

<210> 528

<211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 528
 gctaaacctc taaatgtggn cgcacatnct caattaaang gttanngttt nttnnatann 60
 tgncccttggg cagttactat gagctacagg ntctgcctca tctagtcctc cgcatacagc 120
 ggggaggggtg agacttgggg atgcgcccac ctcaggccca tgcataacca gatgggctct 180
 cacatgacca ttacacacac tgatgggtgac actgtatcag aaagccactc agctttgcct 240
 ttttaactaaa tctggacctg cttgccacaa ctatgtaacg naagcctcta actactaatt 300
 tctgaagaga agct 314

<210> 529
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 529
 actgagagaa gaatggaggg cagtggaaag ctcgcatggt agaggatgct gtggagtacc 60
 atctcttcct gataccagat aaagccagag gcacagaaga gcacagagag attcttcaga 120
 agtacatttg aacggataat gacccagttt gnacccatac tgggancctt tatactctggc 180
 agaatcagcc tttcaatctc aaatacaagc ctgcaaaagg gaggtgttcc tgctcatatg 240
 tacggnatga caaagttttg gagataacat tgaggatgaa tgggcctatt gtttatgtaa 300
 taaaggcaga ttaca 315

<210> 530
 <211> 278
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 530
 gactgagatg ctgtcacatc tggagctgac tcttcaggca tccaancaaa atggcacgga 60
 gacccaggag gtgttccttg tctctgtttc gaacaaaaat gtcttcgtga agttccaggc 120
 cccggaaatn ccattgcact tggcctacga ctccagcctg gtcactcttc aaggacagcc 180
 aanagtnaac atcacagtgc taccatccct tacctccagg aaacagatcc tcgactgggc 240
 agccaccaag ggcgccatca cctcgatagc agcactgg 278

<210> 531
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 531

gactgaggtc	caagcatgga	aagtcataaa	ccangnacta	gcaaagatga	tttaataactt	60
aatatcatat	ccagaaaaat	taaacaactt	ccagantcag	acaggaatct	gcttgaatat	120
ggatcancat	atatnggact	taatgctgct	tttggggggc	taataccana	cagtctattt	180
cggcgaatct	tgaacgngac	acaagctcga	ttagctttcta	gcttaccaat	ggctgtgatc	240
ccatttttga	cagcaaacct	gtcctaccaa	agtcttgtaa	gtttaccttt	gagtacaggt	300
gatttgaact	gtgaaacctg	taccacaaca	cgggggtgcac	tagttgggtt	ggttatgggt	360
ggtctgtacc	ctatcctttn	ggctataccc	gnnaatgggg	gccttgctg		409

<210> 532
 <211> 489
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 532						
gaactgagtg	cccaagatgt	atgcagtggtg	atgccaaagtt	tgacttccatc	accagaaagc	60
atcactgcgg	ccgctgtggg	aagtgccttct	gcgacaggtg	ctgcagccag	aaggtgccac	120
ttcggcgcat	gtgcttcgtg	gacccagtg	gccagtggtg	tgactgtgcc	ctgggtgtccc	180
accgagaggg	ggagttttat	gacaagcagc	tgaaggtgct	cctaagtggg	gctaccttcc	240
ttgttacttt	tggggactca	gagaagcccc	agaccatggg	ttgtcgtctt	tccaacaacc	300
agaggtgctt	ggttctggat	ggggacagtc	atcgtgaaat	cgagattgca	catgtctgta	360
ctgttcagat	tctcacagaa	ggcttcactc	ctggagcagg	cancacccga	gccantggca	420
tgctcctgca	gnacacagtg	ccagggggcag	aggctgcagc	acagctgang	ctgatggccc	480
ggagaggac						489

<210> 533
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 533						
gactgagget	gactcatgcc	gatctgggtg	aagcctggct	gntcctgcta	ggtcgtcgtg	60
ccactactac	tgctatcccg	acgctactga	actggactgc	tagtatattc	atgaagtgtt	120
ttcaagtggg	tccagctgcc	gntactgacc	agtgaactga	actgctgatt	tcctgacaac	180
acagatgaga	tttgctccaa	agaaccattt	ctaaacaggg	ccacnnccct	catatcctaa	240
tagcctttct	tttctacctt	tggnggggtg	tgctctataa	gggaggggtaa	ac	292

<210> 534
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 534						
gggagacctt	ctggtagtcc	tgttctgggn	cccttancca	gagttccacc	agccacaccg	60
gtggntcgaa	tgtntgagca	gagnaacgtg	aactccgagc	ctgaggagga	ggaaggaggc	120
ctggaagatg	aagatggaga	tgatgat				147

<210> 535
 <211> 487

<212> DNA

<213> Mus musculus

<400> 535

gaactgagag	ggttcccctt	gcaagcatat	ccaggcggcc	cttgteccac	cattgcataa	60
tataagctac	atcgtggata	tgatctaggt	cctcggagtg	tctgtttctca	tgctctggac	120
cagactgaga	atagaaagga	gcctggctat	ctgagagatc	ctgtcctgca	actggctggt	180
ctgggggctag	aggatgtgga	cgtgaccatg	gactacactg	gtatatattt	ggtagaggac	240
agctctgctg	aaaaatattc	tactgtgcac	aagaactctc	aaaagaaagt	tatctggggc	300
tggaacattg	gcagctaaga	gcactgactg	ttcttcggag	gtcctgagtt	caattcccag	360
caaccacatg	gtggttcaca	accatccgta	atgggatctg	atgccctctt	ctgggtgtgtc	420
tgaagacagc	aacagtgcac	tcacatgtat	atgtaaaata	aataaataca	tctttaaaac	480
aaacaaa						487

<210> 536

<211> 132

<212> DNA

<213> Mus musculus

<400> 536

gactgaggtg	tgcgccctga	ccgagttcga	ggaggccgcc	agaagtacaa	gcgacggctg	60
gattcggaga	acagccccta	cctgaacctg	ccgatttccc	cacctgctaa	aaagccattg	120
aaaataaaaa	aa					132

<210> 537

<211> 486

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 537

gactgagcct	agtcattggt	ggctacgagc	aatggtaata	caattatcac	tcagcttgac	60
tactcttctg	gacaagttct	caaatatattc	tgaaggcttg	agtaattact	ccatcataga	120
caaacttggg	aaaatagtgg	atgacctcgt	gttatgcatg	gaagaaaacg	caccgaagaa	180
tataaaaagaa	tctccgaaga	ggccagaaac	tagatccctt	actcctgaag	aattctttag	240
tattttcaat	agatccattg	atgcctttta	ggacttttatg	gtggcatctg	acactagtga	300
ctgtgtgctc	tcttcaacat	taggtcccga	gaaaggggaag	gcantcaagg	nntcnntgga	360
ntactgnnna	cagtgagatg	gaacnntnnt	anncttnccc	tgctggatga	ncngaattgtg	420
tngetannga	aagaantngn	gggactttnt	gctacaaagg	tctnccgngg	ctcgggactg	480
tcctta						486

<210> 538

<211> 174

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(174)

<223> n = A,T,C or G

<400> 538

gactccacag	gaggcctaca	nacagnnggc	tantccagcc	acgctctang	aaccatnaca	60
aacnntnct	ctttataaga	aattggetca	ngcattaccg	atgaaaagct	gtgtaacaca	120
ggccttgagg	cataaaaccg	atttctatta	aatgtagaaa	caaaatgaaa	aaaa	174

<210> 539

<211> 339

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 539

gactgagggtg	acagtacaga	naagtaccac	aaacgttatc	caggcanctg	actgacatgg	60
tgagacagct	tgtagacgat	gtcaagagcc	ttnaaacgca	nagacccaac	ttgngatctg	120
gacaggacaa	tgcacaaggc	accccaccca	cggtctggna	gatggctcag	cgattannan	180
cactaactgc	tnttctgaag	gtcctgagtt	caaatcccaa	caaccacatg	gtagttcaca	240
accattccta	atganatcag	atgcactctt	ctgggtgtgtc	tgaagacagc	tacaatgtat	300
tcacatataa	taaataaata	aatcttttaa	aaaataaaa			339

<210> 540

<211> 531

<212> DNA

<213> Mus musculus

<400> 540

gactgagggtt	ttaatgtgga	aacagtagaa	tataagaaca	tttgtttcac	agtatgggat	60
gttggtgggtc	aagataaaat	taggcctctc	tggaggcatt	acttccagaa	taccagggt	120
ctcatttttg	tggtagatag	caatgatcgt	gaaagaatcc	aggaaggagc	agctgtgctg	180
cagaaaatgc	ttctggaaga	tgagctgcag	gatgcagtgc	tgctcctttt	tgcaaacaaa	240
caggatctgc	caaacgctat	ggccatcagt	gagatgacag	acaagctagg	tctgcagtct	300
ctccgaaaca	gaacatggta	tgtccaagcc	acttgtgcta	cacaaggaac	tggctctgtat	360
gagggactgg	attggctgtc	aaatgaactt	tcaaaacggt	aaatgaagct	ggatatctaa	420
ccaaggacat	gtttgataga	attgggtctag	gcttggttaca	acaaaattag	tttgcattct	480
ggttattaaa	ggatatctga	gacagggttg	ggcagaaatt	acagcgttta	a	531

<210> 541

<211> 158

<212> DNA

<213> Mus musculus

<400> 541

gactgagttta	tatccgactt	tatgggagaa	aatttagcaa	agaagatcat	gttcttttta	60
ttaagttact	gtatgagctg	gtatcaattc	caaaactaga	aatcagcatg	atgcagggat	120
ttgcccgtct	cttgatcaac	ttgttaaaaa	aaaaggaa			158

<210> 542

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 542

cctcctgggc	tgggggttcgc	tgctcatcat	gtcgaagtcc	gagggctttt	actcctacct	60
gtgtacgaag	ccaggtgana	tgggcgcctn	nntcgggngc	aggtttcttg	agtggntctt	120
tgggagaggg	ctgctnggtg	gtgaanacgt	aanccagnta	tgcttgcttg	ctgaacagtg	180
cctctangtg	ccnnanngnc	cattntgate	ctnancngc	tatctgtgtg	cntnnnatna	240
tcatngtccc	tgtttggggn	tggngaaact	gaggctggga	ccantcttcc	nttntgcccc	300
ngcgtgaga	ctaatagact	aatagactcc	tgcgtgengn	cangaacgtt	gntggccttn	360
tgntcttcca	gggcctgcan	cattgcttgc	cttgcaaa			398

<210> 543

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 543

ctcacagcca	cccatagacc	anttncaatg	agaggcatct	gacccagcag	gaaacgaggc	60
ctgctnaaca	gagccttgga	tatggacgat	anggattaca	gtgaggcccg	atggcctgtc	120
ngataagnac	cacccccagt	aaggcccagn	aagtcncctc	nagaagaatt	gccaangaan	180
gtttcaanna	gtagcentat	gcengngtca	cccttgcttc	gaaggctt		228

<210> 544

<211> 253

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(253)

<223> n = A,T,C or G

<400> 544

gactgagatt	ttcagaatga	tcaactagnt	gaaatatctc	cattgggtac	tgaggaagtc	60
tcagcagtta	gccaagcgtg	gtttacaact	aaagaagata	aggattctct	cactaacaaa	120
ggacataaat	ggaagcaggg	gatgtggtcc	aaggaagaaa	ttgatatttt	aatgaacaac	180
atcgagcgct	atctgaaggc	tcgcggaata	aaagatgcta	cagaaatcat	ctttgagatg	240
tcaaaaaaaaa	aaa					253

<210> 545

<211> 371

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(371)

<223> n = A,T,C or G

<400> 545

gactgagact	aaaatgtcaa	aaagaaaatg	gctctgttag	cccaacagtt	acccagacgg	60
ttcaactcag	ttaagttgac	tagcttcatt	aaagccaaac	aagtcaccaa	acgctctgca	120
agagcaggaa	aagccgtggt	gcccggcttc	tcagctcagc	ctctgctctc	ctctgacacg	180
agctttctcc	ggcggggaat	taagacttac	aggactttgt	tctggaatcg	tttccattct	240
gccagcacia	ataggacaaa	gagttctgcc	cgaaagcact	ctgcttcctt	cagnggntga	300
acagcaggga	gaggatnctt	agtcttgaat	canagcttgc	cttttggaag	aagnggacga	360
cctgcctcca	t					371

<210> 546

<211> 434

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 546

ctgaggcaca	acccggtctc	ccagaanagg	agaagtgcct	ggcgtggatt	acagctttct	60
gactgtgaag	gagttcttgg	acctcgagca	gagcgggacc	ctgttggaag	tcggcaccta	120
tgaaggaaac	tattatggga	cacccaaacc	tcccagccag	ccagtcagtg	ggaaagtgat	180

cacgacggat	gccttgcaca	gcctgcagtc	tggctccaaa	cagtcgaccc	ctaagcgaac	240
aaagtcctac	aatgatatgc	aaaatgctgg	catagtccac	ccggagaatg	aggaggagga	300
ggatgtccct	gaaatgaaca	gtannnttta	cagccgactn	tggagaccag	gacgagccac	360
ntctccaaga	agcaccgcnt	cccacctgtg	aatagtagca	tcctcgcttg	ntcccatcac	420
gggacccttt	ttaa					434

<210> 547
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 547						
atggatacta	caatgggtgaa	tttgtggact	ctgttttgagc	agcttgtgcg	ccggatggag	60
attatcaatg	aaggaaatga	aagcattgaa	ttcatccagg	ttgngaagga	cttcgaggac	120
ttccnaaaga	agtatcaaan	gacccaacca	ggagctggag	aaattnaaag	acctattgtt	180
gaangcagag	actgngctgg	aaccgccttg	gacgttaaag	c		221

<210> 548
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 548						
gatgacgtcc	atatcttntc	gnaagagagg	gaatcagaag	gtacttnngg	gagaatagtg	60
atgcagcttt	ncacntcac	ngcaatgaga	ggattctgag	gccttctgag	nggaatcaga	120
gataccttgc	caagtaatat	gtaccagaaa	aatggcttac	atcatgggaa	atacgcagtg	180
aagaaatcac	ggnnaactga	tgtggaagac	cttactccaa	accctaaaaa	actacttcag	240
attggtaatg	agctgcgcaa	gctgaataag	gtgatcagtg	acctgactcc	agtttagtgag	300
cttcccttaa	cagcaaggcc	aagggtcaaaa	aaaaaaa			337

<210> 549
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 549						
gactgagagc	tctgcacatc	gagagactta	aaaccacctg	agatcatcag	acaagtcaca	60
tacatgggac	tttttgaatt	attgccattt	tgtattttta	tcatgttatg	tgtaaaagac	120
agtgcctatt	ctgtgtttta	ctgaatcaaa	ttgacaatgt	cagaaaaaaa	aaa	173

<210> 550
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 550						
atcttctctg	tccagcctct	tgaatggaat	gctgtacata	gactccagac	cagctcagct	60
acttctctct	atgctcttga	cacaaatgaa	cactgaccac	aaatttctat	ttgtacaatc	120

tgtggatgtn ccaaaataaa ggaattggag ctgaaaaaaa aaaa 164

<210> 551
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 551
 ttttttccac tattattgca tgcagattaa aacgttaaga gctttttcttt ccccttaaaa 60
 attctgaatt atgaaaataa acatttcaaa tttcaaaaaa aaaaa 105

<210> 552
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 552
 cacagactga gttttaagga ctctctgagc tgttntgagt tgttnactta tggatcttca 60
 ctgcaagatg gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt 120
 tggccttgaa ctctacagc tggncctgcc tttgcttctt agnggctggg attaaaggtg 180
 tgtatcacca aagagaaaaa aca 203

<210> 553
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 553
 atactgattc tctgatttcc cagtaatgcc actcagttgc caatatcaag caagcgcata 60
 taagacactt gtaatctttt aagaaaagta gtacttctct tcacagtatc tggcggatca 120
 acactggagg gtgaggtgtc agcttccaga aagatcatca tgaagttata tgtgtttctg 180
 gttaacaccg gaaccacgct gacatttgac actgagctaa ctgtgcaaac tgtggctgat 240
 ntttaagcatg ccattcaaag caaatacaag attgctatct agcaccaggt tctgggtggc 300
 aatggaggag aatgcatggc tgcagatcga agagtgtgta cttacagcgc tgggacggac 360
 acaaatccaa tttttctttt taataacaga aatgatctta ttgaaag 407

<210> 554
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 554
 gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaag aagaaaaaga 60
 agcatggng tnatgannng agatcaagaa agaaaatgga gatgtaaaga ttttactgaa 120
 aagtgggaag gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaaaa 179

<210> 555
 <211> 219

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 555
cggtgaaaca tgccccgtcct tcaccanact gagcttccac agcgcggtgg ttggtacagg 60
actctccgtg agactgatgc tctatacaca ngagaaacng ctgtcttcan ancaaacaca 120
aacaangan agttttcttt ccttcctatt ggcgcaatcc atacttattn caggaaattc 180
cttaagacgt ntagatgtaa aatacaaaac tgtgcacaa 219

<210> 556
<211> 750
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 556
gcttacagggt ggtgcagaaa gaagtctggt cacaactggc tacagtgaac gagctgggta 60
cccccaaggac atcttaccag ttccagccaa agatctgatc tacgtacacc tgcgtcatgc 120
tgagaccctc aagcctcact aaaagggtcc ctgcctagtt ctgtttacta atctgcctta 180
ttctgttggt gttcccatgt taaagataga gtaaattgcag tattctccac atagagatat 240
agacttctga aattctaaga ttagaattac ttacaagaag aagtggggaa tgaagaatga 300
aaaattactg gcctcttggt agaacatgaa ctttcacctc ggagcccacc ccttcccacc 360
tggaaaacat acttgagaaa aaacattttc tggaacaacc acagaatggt tcaacaggcc 420
agatgtattg ccaaacacag gatatgactc tttggttgag taaatttggt gttgttaaac 480
ttnccttatt ccttcccat tcccccttcc agtttgnggg ntttttccct taaaaagctt 540
ggggaaaaat ttttaagtcc gtcgtcgaga ctcccttacc ctgtgcttaa aggggtattg 600
aagtttcgac ccccanagct nttggngctgn ggnggctttc atgggttggt ggntttatct 660
tcaaaccccc aanaactttt gggccnnggg gggcttttaa tgnttgcta nctttaatta 720
aatcttacc tttttacaat ttttaaaaaa 750

<210> 557
<211> 218
<212> DNA
<213> Mus musculus

<400> 557
agtcacgcag gaaaacctca gcatttgctt catcaggaga tgacgttaaa atatgggatg 60
cttcgttccct gacattggtg gataaattca accctcacac gtcaccgcat ggaatcagtt 120
caatctgttg gagcagcaat agtatccttt aaaaaaaagt aatcactttt tgtagtattt 180
caatgatctg tgcaactggt ggcccataaa aaaaaata 218

<210> 558
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 558
gactgagggt cccttacant cccttaaaaa tccattctcc ctcccttgct ccttgcagca 60
gtaacatgta tgagtaccat gcaccaactg atcgtgccat tggagctcct taaacagtaa 120

tcacaaccaa gctaggggaa catttgtatc cgataaaggg gtgggagtg aggttttagg	180
cactcctttg ggagaacaaa gaaattaatg taaataaaaa aaa	223

<210> 559
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 559	
aattgtctct tgagttccac tgggaatgcc cagtctgggg ctgtgagaaa cactgtatca	60
aagagatccc ggctcagcac ctgagacaca ggcatgaggc ctgcaatggg acagagcaac	120
cggaactcct aaagactgtc ttccaaagtt gtgctggggc ttttgngggg aggaacatga	180
ctgtgtcatg gggaaaatgc atacatctgt ttttacttaa ca	222

<210> 560
 <211> 380
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 560	
actgaggtag cccagagctc gagagctggc ttcttgacca tcagacaage ttgcgcaaaa	60
gtcttcacct aagcaaacag gagaaagaag ggnttctntg tgnnnccccg nctgtntctgg	120
nctgtactct gtacgaccgn cacaccnagc tggccttgaa cttaanagan ctgcctgcct	180
ctgtntctgac tgctggnatg gaagggatgt gccactactg agagcttggt ttagtgctta	240
cancttgctn tgctgctaag ccagatgccc tgagtgtgat nctctagaat gacaagggtg	300
gagagaaacca attccccann ttatctctcac acccacacat gagntgcgnc aagtgcctcc	360
acctctgaca ataaaaaaaa	380

<210> 561
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 561	
aggactgagg taaaatcaaa gacaaaatta aagcagnana gcacaaanag tagaagaaga	60
aaaagatgca taangtaatg antngagatc aagaaagaaa atggagatgt aaagatttta	120
ctgaaaagtg ggaaggagaa accaaaaac	149

<210> 562
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 562
gtctcgggct ggtgagtang gctcagtggg taagagcann cgactgctnt tccgaaggtn 60
cgaagttcan ntcccagcaa ncacatggct ggcgtcacaa cctccgtnn cgagatctga 120
cgccct 126

<210> 563
<211> 134
<212> DNA
<213> Mus musculus

<400> 563
atggattttc ctgtaaactg caagataacc gggacaccag tctcactcaa tcttttttgc 60
cgggaacccc ttcctcccta ttaatgcatg ataatgaata ataataataa gaatttcac 120
tctaaaaaaaa aaaa 134

<210> 564
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 564
aactgagcct atcctctact cctattttccg aagctcctgt tcatggagag ttcgaattgc 60
tctggcggtta aaaggcattg actatgagat agtgcccatc ancctcataa aggatggcgg 120
gcaacagttc actgaggaat ttcagaccct gaaccccatg aagcaagtgc cagcgctgaa 180
aattgatgga atcaccattg tccagtcact gancatagnn ctngaccgng ganaaaactc 240
tgactnngng ncccgtnct nccttaggna cctaactac gagcnatcn ggcgatgann 300
gntnancn tnnctggtgg anngcagncc cttngaaacc tgtctgtcct gaagcaagtg 360
gcacaggaga accagatgca atggggcccaa anggtattac ttccggnttt aacgctctgg 420
aaaa 424

<210> 565
<211> 341
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 565
tttcagctca gttacttatg gcttccccta aaattgcttc cctctcttgg ggacaaatga 60
aagtgcagg ctctacntta acctataagg attgcaaagt atggccagga ggcagtcggg 120
cttgggactg gagggaaaca ggaaccgagc attctcctgg agagcagcca gcagatgnaa 180
aggaagttgc tgagaaagggt gtacagactc ttgtgatlgg cagaggaatg agngaggcct 240
tgaagggtgcc tccgtcgatt gtggagtacc tgganaaaca aggcattgat gtgcgcngtc 300
ctccaaacag aagcaggccg ngaangagta taatgccttg g 341

<210> 566
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

```

<400> 566
caccacagac ttccaggaga gctttgtcac gtcagggtgtg ttcagtgtca cggagctgat      60
ccaagtgtct cggacacctg tgggtgaccgg aaccggaccc aacttctcac tggggagagc      120
tgcaggggtca cctggcatat gacctgaacc cggccagcgc cggcatgaga aggactctac      180
ccagcacctc ctccagtggg agcaagcggc acaagtcggg ctcgatggaa gaggacgtgg      240
acacgagccc cggcggggac tactacacgt cggccaactc acccacgagt agcagccgca      300
actggacgga agacatagaa ggaggcatct catccccggg tgaanaagac agagatggac      360
aaantctcca tttnacagcc cgteccccca ggactcccc nggttntcca gcttnacaca      420
acaccacagg ccggtcatt
                                         439

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<210> 567
<211> 469
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

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<400> 567
actgagcctc ctgggtgcaag ctatatTTTaa tgggtgatcca gatgaagttc gagcactaat      60
atttaagaaa gaagatgtta nctttcagga caatgagaag agaaccctt tgcattgctgc      120
tgcctatctt ggtgacgcag aaatcattga gctgcttatt ttatctagga gctagagtta      180
atgccaaaga cagcaaatgg gttgacacct ttacacagag cagtttncat cgtgtagtga      240
ggaagcagtt cagatacttt tgaagcattc tgcagatgtt aatgctcgag ataaaaattg      300
gcagaccctt ttacacatag ctgctgctaa taaagctgta aagcgcgcgt gaatcttttg      360
tacctctttc tgagcaatgt ggaacgtgtc ccgaccgagc anggaagaac tgnattacat      420
catgnagctt ttcagtgggc atgggcgana tgggcaaact actcttgtc
                                         469

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<210> 568
<211> 385
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

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```

<400> 568
gtcttctagt aagaacaaag nctgangacn tgatctctca gctgcacnct aacctcctgg      60
gtccatgct gacctgtaaa gctgccatga agacantgat tcagcaggga gggctctattg      120
ttaatggggg aagtattatn ggtnagaaag gcacccgnng gccaaactctg catacagtgc      180
caccaaagga ggactcggtg gnttntcacg ctcggttgct aaagagggtg cncggaagaa      240
aatgccngtg antgtgntgn caccaggatt tattcgcacg gatatgacnn tgacactgga      300
aggaaganca ctncnngana aacattcctc ttggggaggt nngagaaact cntgagggan      360
cacatgccgt tgcgtttttt ttttag
                                         385

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<210> 569
<211> 303
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

```

```

<400> 569
gactgaggtg gggctctttn cccaagagga ggaagaagag aacctacggc atgacaagcc      60
cccctacacc tacttggcca tgatcgctt ggtaattcag gccgcacct tccgcaggct      120
gaaactggct cagattatcc gtcagggtcca ggcagtgttc cccttcttca gggacgacta      180

```

tgagggctgg	aaggactcca	tccgccacaa	cctttcctnt	aatnggtgct	tncataaggg	240
gccaaggac	cctgcaaagc	cccaggccaa	gggcaacttt	ttggncgggg	gatgggagcc	300
tga						303

<210> 570
 <211> 532
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 570						
gactgagatg	gtggctcgt	gattttctccg	atccctaate	cgggtcacag	aatgggttaa	60
gcagctttta	gtanagagtg	gattattttc	ccctcagttt	gtctttctgt	tgcggctctg	120
aaagaatgtt	gtgggcgctc	tttttcctgg	tgactactat	tcacgctgaa	ctctgccatc	180
cagatgcaga	aaatgccttt	aaagtaagac	ttagcatcag	agcagctctt	ggagataaag	240
catatgtctg	ggacacggat	caagaatacc	tcttcagagc	aatggnggca	ttctccatga	300
gaaaagttcc	caacagagaa	gcaacagaaa	tttcccatgt	cctgctttgc	aacataaccc	360
agaggggtgc	gttctgggtt	gtggtcacgg	acccttccaa	caattatact	cttctgcag	420
ctgaagtaca	gncggccata	agaaagaata	ggaaccggat	caacagngca	ttttttctgg	480
angacentac	tctggaattt	ttaaaaannc	cttntactct	tgctcccccc	ga	532

<210> 571
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 571						
tatttacttc	ttgtggacct	ctcacagatc	angcngnnaa	ggngnatagn	gccttgnttg	60
cccaaggggt	natggaagga	ggtgtctctc	attccacctg	ctgangggcg	ctacagagga	120
gaataattca	gacncncag	ncnnggggtg	ctaccagtcc	ttggcctcag	ttcctgcctc	180
cagatttctg	ccttgagggg	gctaccctga	cttccctgga	tgatgaacta	caagntgtaa	240
gataaaataa	accctt					256

<210> 572
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 572						
actgaggtct	cctgctcacc	agntgncttg	acagtttttc	ttgcaacatt	ggccattggt	60
tttcaactgcc	ttcaaaagat	canaattact	ccagaaattg	gagagttgga	tttaaaagaa	120
aaaacttgaa	caaatggaca	atatgtctat	aacaaataca	ccancaagta	acgatgcctg	180
tctgagcatt	gtacatagtt	tgatgtgcca	tangacaagg	tggggaaagt	gaaacctttg	240

<210> 573
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 573
 aatgggatac gacacgggnc ttacacagcc tctcggaac atatctatat tgatanaaat 60
 acngaagatt atnttgcnca gggtttcaca aggcaaacag ggtacctttc acagccagna 120
 nggcttttgg agtncggcac caaactcgtg gnaggaaacca cttccngggg aaggggtggc 180
 caagaagcac ctgggcttgc ccgntcttta ataccgggtga agggaggccc aaaagangaa 240
 aacaggggagc naacgggttt ctggcattna tggccctcc tcttttggc ggngctgnc 300
 attaantgaa ncanccgcn ncggaanatt cccttagggt tggggggcat 350

<210> 574
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 574
 catgaacgtg ctggagccag tgtgggttcaa ctcacctgga atctgagcac tcaggagtct 60
 gaggcaagat tgccaagagt tcaaggccac cctcagctac atgggtctca aataactcaag 120
 agttcactct gcggctgagg atgacctcaa gcctctgac ttcctgctgg gatcactgag 180
 agctgggatt acagcattgg acgcgttctc acgaccggcc aggaaagacg caacaaacca 240
 gaatcttctg cggcaaagct ttattgctta catcttcagg agccagagtg caagaagcaa 300
 gagagagaga aaacgaaacc ccgtcccttt tttaggagag ttatatattcg cctaggacgt 360
 gtcactccct gattggctgc agcccatcgg cccgagttga cgtcaccggg gaaggcagag 420
 cacatggagt gganaaccac cctcggcata tgcgcagatt atttggttac cacttanaac 480
 acaagctgnc agcgcattc ttgtaacggc gaatgtgggg cgc 523

<210> 575
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 575
 gaactgaggc tttatggaag gcagtggctg gancagggca gaatectacc ctgacagcag 60
 cacactggtc attgccgtgg canngagga gacgactctg gtgtgtacaa cataaatctt 120
 gaaaaatgga ggctggagaa gcacattcca ggcacacag attaggttg tggattatcc 180
 ctggtccttc cagnggcanc caaangtgac anaangtgga agantgactg ggngcatent 240
 gaanctggga agccgtgcgg ggcctatgat ggga 274

<210> 576
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 576
 tatttgtata actttgcnag tgctgcaaca nagaagataa ctgaatctgt tacagaaaca 60

gctcagacaa	tcaagaaatc	cgtggaagaa	ggaaaaatag	atgatatacct	tgacaagact	120
attttaggag	attttcaaaa	agaacagaaa	aaatttggtg	aggaacagaa	tacaaaaaag	180
tcagaagcag	ctgtgcctcc	gtgggttgag	agtcatgatg	aagagacaat	tcancagcag	240
attttggctt	tatcagctna	aaaatnngtg	agtcgggctg	gcgaganggc	tcagnaggta	300
ngagctntga	ctgctcttcc	anaggtcctg	ngtncananc	ccannntcca	catgggtggct	360
cacanccacc	catantagga	tctgactccc	tcttctagag	agtctgaaga	cagctacttg	420

<210> 577
 <211> 492
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 577						
cactatccga	tgaagatatg	accatgggtgc	tgaagaagac	agcgacnngg	angatcagga	60
cctggataaa	atgtttgngg	cctggccttgg	agaactggac	aggcttactc	agagttgnga	120
tnctgacaag	cccaaggaac	acantaataa	ngatctnctc	ttnnccngga	annaantatn	180
ngcaactttt	nttnccgctt	ntccatatac	aacttgnatg	aanctntgaa	tnatngngag	240
actgtgnacc	tggatnccct	gatggctgac	ctctgntcta	tagagcagga	gctcagcagc	300
attgnctcag	gaaatagtaa	gcntnacgtc	acagaacctt	aaagttcctc	agaagctacc	360
tgctgnccga	catacgtcac	aacatggcac	cctgagagga	ccgtcatctt	cctctaatag	420
aacaactaaa	ccttcccatg	ctaactactc	cctggatgac	atcactgctc	agttagaaca	480
ggcttctctc	tg					492

<210> 578
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 578						
agaagtctgt	ggaatgttga	gcattctgagg	ggnaacatat	ggnggcacca	tcccaggcat	60
tccaaatgga	tttggtcggg	ctgttntatc	aatacnngaa	ganaataata	tggaacaactg	120
gtnaagagaa	tgcaatannc	ncagtnccgc	cccagtagcc	caggg		165

<210> 579
 <211> 357
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 579						
aggctccctg	ctgccccatc	ctggccacaa	ctttgtgcgg	caccatctta	gaaaccgtcc	60
cgacctatat	ggcccccttt	ggatctgtgc	taccttgccc	tttgtcctgg	cagttactgg	120
caatctcact	ttgggtgcttg	cacagagacg	ggacccctcc	attcactaca	gccccagtt	180
ccacaaggtg	accatagcag	gcattcaccat	ctactgctat	gcgtggctag	tgccgctggc	240
gctgtggggc	ttcctgcggg	ggcgtcaggg	cacgagggag	cgcatggggc	tgncaccttc	300
ctgganacag	tctggngtct	acgggctact	cactctttgg	nttcatecct	actgggg	357

<210> 580
 <211> 437

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 580
gactgagatg agcagtttgc agatcaaggt aagacaaagt caaagcagac accaatgggtg 60
ttatcaaaac cagcaccact tgcagnaaaa gacaggagga agaggagana gagggacaga 120
gcttgetcan tctttacttc aacnnagctg atcanaagca atcttggngg nataacaccc 180
anccaagtcg ggaagggtcct tgcaaaggga nccaagcct tccccngctc tacttcangt 240
ngaagnnctt ttngaangag cnttcgcctt gaaaacctnn agcttctccn anggangtnt 300
acngccnagg ggcttcaatc ggaccgtccc aggatcnang gaagaangct nttgcccata 360
gangnttgct ggacccccnc agnaaactng attnggcaag tcncagnttt ggtnccttggg 420
aagaacagct ggccttt 437

<210> 581
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 581
agactgaggt caagtggact ccagctaant actgtcaatc aacagcctgt ttcccttcca 60
cctgcctatt cctgaggggtg aggtcttttc cctggtecca ggacttcccc acccctcctc 120
caaataccaa gactatgggc ttaaaagtgt caaatgggtg ctggagagat ggctcagcag 180
ttaagagcac cgactgctct ttcgaagggtc ctgagttcaa atcccagcaa ccatatgggtg 240
gctcacaacc atctgtaatg gaatctgatg cctctctctg ggggtgtctga agacagctac 300
agtgtactca catatatata ataaataatt ctttaaaaaa aaaaa 345

<210> 582
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 582
ccactgagct gttgaataag tgctncagct ncncttggg agtttgnctt gccagacngc 60
tctgctnttg cacctgaaca gcccangggc canngtggac cctgnnacan tcatngagag 120
gggcaggttt atgctaance tatgtntaca acagnttttt ggggggtgta gntccaccac 180
ntgccacatt cacttggnat ganggcncctg tagncaagct agcaccagga gcccttnca 240
aggctacaca attacagggt cctcgggcac tctggaactg aaggggcaag cctgctccna 300
ngnnacccta nccnggngtg ctggccgaca gnctaggccc acatctctgn tttgctggct 360
tcctttgtac tctcaacccc tgccttgttc tgggata 397

<210> 583
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)

<223> n = A,T,C or G

<400> 583

catgatccca	cctcccccca	gtctcccggg	ccctcctcgg	netggcatga	tgcctgcccc	60
ccacatggga	ggccctccca	tgatgccaat	gatgggcccc	cctccgcccc	gaatgatgcc	120
cg						122

<210> 584

<211> 254

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 584

actgagggtt	ccaagnctgc	cctttggtat	tcaaacggga	gccgctttgg	actgactggc	60
tgccttcctc	ctcctccccc	tcctcccccct	tctgcttcag	atttatttat	tatatgtaag	120
tacactgtag	cagttgtagg	acacactaga	cgagggcacc	agatctcatt	gtgggtgggt	180
gngaaccacc	caccatgtgg	ttgctgggan	tngancnnag	gatcttcaaa	aaagcagncg	240
gggggtctaa	cccg					254

<210> 585

<211> 274

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 585

gactgaggta	ctacataaat	agccaagnnt	attccatttt	tagtaccagg	agttctatta	60
aattagagta	tgaaggaaac	tcatttgtat	catggaaaat	accagaaagc	tgtaaagttg	120
aaaacactac	atcacccann	acaacactac	netgcntnag	ggctggantt	cacacantna	180
anccaatngc	tggannccaa	naagtggaaac	ggcctctgac	tgtggntaat	tcttataatnt	240
gctacttgcg	ggatttcaca	gacgggtaag	tgga			274

<210> 586

<211> 467

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 586

gacctgaggg	caggccatct	gccttcaccc	gctctatgtc	atgcttcctt	gcacctggc	60
tgcctcccta	gctttcatgc	taccctgtgg	cactccaccc	aacgccattg	tcttctcttt	120
tggaggcctc	aaagtgtctg	atatggcccc	tgcaggattc	ctgctcaata	tcacgggagt	180
gctgactatc	acattatcca	taaacagctg	gagtatccct	atcttcaagc	tggacacatt	240
tcccacctgg	gcctactcca	acacaagcca	gtgccttctc	aatccgccta	attccactgt	300
accaggccac	tagactatgg	tacaacctag	ctctgctagg	ggaaaagccg	ctgggtgccac	360
tcctcggagc	caggagaggg	cgctccaaac	tccaagtccc	gggacagagg	tgcagaatcg	420
gntgggcgca	tgcgaaatca	tgtattcgng	tgtttgccta	catcctg		467

<210> 587

<211> 477

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 587
ggggaaacgc cgacctgant acnntcccta agcccaacag acactcacac tggttcgtca 60
tgaagtcgga gaaattccat gatgagctct ccgaccacgt attctttacg tntctgatcc 120
agaactgaat ggtaattctc cagaacagcc ttntgggtact cctcactgaa catgcgaggc 180
ggggtccttg gattcaacgc aaaaggagta tcagagccgg gcctgacgtg agatccactc 240
gaccaccact aaaagatctg tcctgatgcg gggctgtact aactgcagga ctcaactgat 300
gctggctcag agaccctgct gtntgatgtc agctagcatt agagagactt taaaggacac 360
gcctggcagg gggggctggc gtatgccntt agtcacagcc ctggannagg cnggaggagc 420
tcttgagttt gaggccagcc tggntctacag aacgagttnt gggacagcct gggctgg 477

<210> 588
<211> 477
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 588
gactgaggtg tgcattgctg cgtttccatg aatgacgcat accaggagga cagaagactg 60
atacaccagg ctggagttac agacagttgt nctcnngttg actnaggagg nngcannctn 120
cttngnctgc tnggccatca ttgctggatg cctttannta ctgaganang nttctactgt 180
gnntccnngg ngtttnntan ntcnacctca antaacatgn ggttggnngc taacnnttta 240
tgtnttttnag aagtgaacttt nancttcttg ncctcctatc tntcctctct cctcctcttc 300
ctcttcttca tcttcattct ccccttcttc tncctnctcc tntnctctct cctnctgaga 360
gctgggacca caggtatgta ccacacgccc agcttatata gcacactctg cagactgagc 420
tcaagtgcgg ttctatgggt gtggatggca aaaggtgttt aagctaaaag gaattca 477

<210> 589
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 589
actgagaaca cccatcatgg tagttggaag aaggatcgtc ggctcaccce tectencett 60
cgttcaggca cacctgccag aggcaagacc tcngtggnntn ggatgaagtc ntcttctnct 120
atgtgcttgg gggtcctgga aggacctggc ccccttcaag ggaccatnag agaagaannn 180
ttgttntggg aggcctttac tagaaatgaa gggangctta tnggcctggc ttttnncnac 240
ateccnagag gtatgnggng ggaaantntg ntgcnanaat cttnttgagg gcagttgaac 300
cgatg 305

<210> 590
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(358)
 <223> n = A,T,C or G

<400> 590
 ctgccatcat gctgtnacat tcaccataga tagaanactt ncntntntag gggaganacn 60
 gacaagacat cntatcgaca gcaactataa aagtgcataat ccncannnnn gatgancctc 120
 ctttnatcga ccagctgggc tttggngngg ccccaggctt ccagacgttt gtgtcttgcc 180
 aggagcagag gctcatctac ctgcccctccc cctggggcac ctgcaatgct gttaccatgg 240
 actcggattt cttcgactcc tacagcatca cggcctgccg gattgattgn gaaacgcgtt 300
 acctgggtgga aaactgnaac tgccgtntgg tgcacatgcc aggggatgcc ccatactg 358

<210> 591
 <211> 517
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 591
 tggttaccttt agtgaacaag agcatgttcc caaactcaat tttgggtcgt ccacccttca 60
 ctncaaccca ccaacagcat aataacttct ttgctctctc accaactctt tattcacacc 120
 agcaacttat agatgcacaa ttcaactttc aaaatgtaga cttgtctaga gctgtgtcct 180
 tacagcctct gacatatgga actgtcagtc caatacagac cnggancatc tccattttatt 240
 tcgaggaagg aagagaataa gcgatgaaaa aagcttttcc tcttgatggn aaacggcagc 300
 gtttccattt caccaccaca agagccaact ataattcaac caggctagng cctttatcaa 360
 ggggtgacaga aggatatttc catgcccacc ggntgtttca cagcactat ataccagaat 420
 atagtncaga tgggtggtccc accctnntng nagaaattnc cacctgnana gaaaccctcc 480
 gagaaaatna caactngccc tggagggcca aagataa 517

<210> 592
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 592
 cacattttttg gtcacngaca gcgatatctn aataggagga actggggcagg agcagggcat 60
 tctctccagc agngagtggt tcacgactac tacaactcca acccgaaggc catcactacg 120
 ggcctaaatg gccgattcgg ctaccgcccg aacactccag cctcccgcca gencacatcg 180
 gtgtttggag aagncacacc atttcccatt ttctgaagac attgcgtcac aaggcttgac 240
 ctgcgtcttc aagacagatg tttagatgaa ctgtcaacga tattctatat ttttaaagat 300
 tgattcg 307

<210> 593
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 593
 gctgttgaag ctgcggntca ggggtngggc atcaccggga ccagactttc acaactggaa 60
 ctggcccaat gcaatgattt ttgntgncac agtcacacc accatcggtt atggcaatgt 120

ggctcccaag	accccagctg	ggcgccctctt	ctgtgtcttc	tacggcctct	tenggggtgc	180
cgctngngcc	tgacatggat	cagtgccttg	ggcaagttnc	ttcgggggga	cggngcaaag	240
aggttagggc	cantttctta	accaaggaag	aggag			275

<210> 594
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 594						
aatgggttc	caaaagagct	ctgggtcatcc	tggccaaagg	agcanaggag	aatggagaca	60
gttgattcct	gtggatgtca	tgcggctagc	cggattana	gtcactgang	cangcttcgg	120
nttgnnaagn	gaccccgggg	cacnngtaaa	cccgtgatgt	aantggatta	gtacccaaaat	180
acccagccct	ngaaaagatg	caaaaaacgc	nttggaccat	tnccaaangn	aggggggtnc	240
cttcnngggg	aggaaatcnt	ggntgccnaa	aaatttnatc	tcattcgcct	tannggggaa	300
tgnaaaaccc	tcaagnggcc	cgggaaaaga	agga			334

<210> 595
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 595						
gaactgagga	tcctttttgtg	gcattccaca	tcaacaaggg	tcttgtgaga	aagtatatga	60
actctcttct	gattggagag	ctgggtccgg	agcaaccag	ctttgaacce	accaagaata	120
aagcgctaac	tgatgaattc	cgggagctgc	gggccacagt	agagcgaatg	ggcctcatga	180
aggccaacca	cctcttcttc	ctgggtctacc	tgcttcacat	cctgctgctg	gatgtggctg	240
cctggctcac	cctttggatc	tttggaaact	ccttgggtgc	cttcatectc	tgtgcagtac	300
tgttcagtac	agttcaggct	caggcagggt	ggctacagca	tgactttggg	cacctgtcag	360
tctttggcac	ctcgacatgg	natcacctgc	tacntcattt	tgngattggn	cacctgangg	420
gggccccnc	cagctggngg	accacatgca	tttcagcaen	atgccnagcn	tagctgcttc	480
cgcaaggacc	ccg					493

<210> 596
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 596						
ggattgaaaa	tgaattngat	tcctaaatga	gaagctcgag	ggtgaggcac	cgtttcgaac	60
tctgcngtgt	gcaangaaga	cgaggaagtt	ccagcatggc	ctcgggggga	tgttg	115

<210> 597
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 597
 ctgaggtgta cagagccaat gggccagatg gagctgtggg ccgaggccag agaatccacc 60
 tgcagttatg ggacacggcg ggggcaggag aaggtttcgt agcttaaccc actgcattct 120
 tcagggacgc ttttgggttt cctgctttct tgttcgacct ggacaaatga ancaaagttt 180
 cctcaattgt ccgaaactgg ataag 205

<210> 598
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 598
 tgaggatgag ttccacccgt tntnngaggc gctgctgccg catgtgcgcg ccttcgccta 60
 cacctggtnn aacntgcagg cagcgcaagc gcaagtactt caagaancnc gagaagcgca 120
 tgtccaagga cgaggngccg ctntttttta tgatcaatat gagaga 166

<210> 599
 <211> 325
 <212> DNA
 <213> Mus musculus

<400> 599
 atagaaggtg gtgatggact acagctcaga aaggaacata ctctcaaaat atttgcttat 60
 atcaattcct ggactcagag gcaatgtcta tgctgcttca aggaatataa gcatttggag 120
 atttttaacc aagtagtatg tgcacttatt aatttagtca ttgcccaggt tcaagtgtct 180
 cgggaccagc tttgtaaaca ttgtactacc attaacatag attccacgtt ggcaagatga 240
 gagtaatcaa gcggaagaac cactgagtat agatagagaa tgtaatgaag gaaatacaga 300
 aagacaaaaa tcaatagaaa aaaaa 325

<210> 600
 <211> 500
 <212> DNA
 <213> Mus musculus

<400> 600
 gactgaggta tttacataag gaatttgcag agtcctggtc agttccaagg ttggcagaag 60
 gctttgatgt cagcactgat gttatccgaa ggggttttaaa aagtaagttt gtacccactt 120
 tagagcagaa actgaggcag gaccaaagg tcttgaaaaa agctgggttt acccgagaga 180
 ttggtcagct ccccgtttct gaagatacct tgaaggcgct cagtgcaggc cgctctgtgt 240
 ctggcctgct gatggcaggg gatgaagtct cctctaaaag tcagaatcac agcacagctt 300
 tgaaagtggc gaagtcgcac cctcacagca cagacgcaca gaagaaacgg gaagggaggg 360
 ataaaagaat ccaagtcttg gaagagagcc tagtgccctgc caccacagcc ttgggtcatc 420
 agcgagagct tcagaaatcc cgccaccagt gacttccgag gccaccggaa gagctggcag 480
 tgatacgtta ccaagtgtctg 500

<210> 601
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 601
 gactgagagg aagacgaaca gctctcccca ctggagccat aactttaccc atgagccttc 60
 actctcagcc agggcagaca agagcccagc gcgtctgaga ctgttcctgc tctgacccag 120
 atatccaacc tgctagtgtg tgaggtcat 149

<210> 602
 <211> 339
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 602
 gtcccatact acaaggaacc cactgatctg gtngaanaag atggccaaga ttactacntt 60
 ngcgaccagg ngagatgatg cagcagtgat atngtagcan ggnacttcat tgagcangct 120
 gantntctng ggnacctgtn cgggacatgn anggaagntg tcttggctga gcangccatn 180
 aacctcatct gcgtgctann ngtatgacct acnngggggg cgcngcatcn anaagactgn 240
 tcttgtgtnc gattctacat ctttgggcag cctncctcgc tggacgtgct ggagcaacga 300
 ctgcnaacngc gcaacactga gactgatgag agtctggca 339

<210> 603
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 603
 gacccattg tgatagctca tcgcttgtct accgtncgta ntgctgacgt cattgctggg 60
 gntgatgntg nngtnattnn gnagcaagga antcatgatn agctcatgag ananaagggc 120
 anttacttca aacttgnnat gncncanaca gcagtgaat ganattgant tatgganatt 180
 gaaccttgta aatctaagga tganattgat aatttagaca tgtcttcaaa agattcagga 240
 tccagtctaa taagaagaag atcaactcgc aaaagcatct gtggaccaca tgaccaagac 300
 aggaagctta gtaccaaaga ggccttgat gaagatgtac ctccagcttc cttttggcgg 360
 atcctgaagt tgaattcaac tgaatggcct tattttgtgg ttggnatatt ctgtgccata 420
 ataatggag gcttacagcc agaaaaaaaa aa 452

<210> 604
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 604
 actgagaatg gtccagaact acccatgagt cagtttggct ggagctcgtg agcattcaat 60
 aatgagtggg gcggcttttag gacttganat tgtttttgnc ttttttctgg cattgntcct 120
 cctgcacgc tatggagact ttaagaaaca gcacagactg gtaatcatcg gcacactgct 180
 tgcttgggtg ctctgcttct tcattgtctt catactgccg ctggatgtca gtacgacaat 240
 atataaccga tgcaggcatg ctgctgcaaa ttccagccct cctgaaaata ccaacgttac 300
 gggactggat gcactgtgca ctccagctcc aagacagcat ccatgtttca agccgnggag 360
 ttacattcca gatggaatca tgccaatttt ctggagggta gtttattgga catcacagtt 420
 tttgacgtgg atcctgtnac cttttatgca gncatatgca agatctggag g 471

<210> 605
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 605
 cactgaggat ggcctcagge aaagtaagct gcacccgaaa gctgcggagc tggatcgtgg 60
 agcaggtgga gagtggccat ttcccagggg tgtgctggga cgatgcagcc aagaccatgt 120
 tccggattcc ctggaagcat gcaggcaagc aagacttccg agaggaccag gatgctgcca 180
 tattcaaggt gagagtccct gaaggcacc ccaagcactt ttgtctgttt ggggtttgga 240
 taaaggaaat actagaaagt agaacctggg ctggtgagat ggctcagcgg ttaaaagcaa 300
 ctggctgctt actcttccag aggtcccgag ttcaattccc aacaaccaca tgggtggctca 360
 caaccatctg taatgggagc tgatgccttc ttctggtgtg tctgaaaa 408

<210> 606
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 606
 ctattggaag aggcaaccat ttcagtttgc aagtcttttg ttgaaaacaa cctcgaaca 60
 ggaaatcttg ctgcgctaac taaggtcttc ctatctagaa ccaggagct caggctctca 120
 gccgagtgtc agaaccacat cttcatctgg cagacacaca atgctctgtt tattatttgc 180
 tgccttctga aagtgttcat ccgtgagctg tctgaggaag agctgcagct tcattttaca 240
 tatgaagaaa agtcccccg cagctacagt tctgactct 279

<210> 607
 <211> 535
 <212> DNA
 <213> Mus musculus

<400> 607
 gactgagtat aggtactgct tgctttctgc actaccaccc tcaagaaact cagctataca 60
 agttggggga atgaatgaga aacgtcattt cactcattat gtacagacta cacgggactg 120
 cagcagtcag agcccaaagg acccactgat gaagaggaaa atatcgctaa gagcaaagga 180
 caggcaactc gaggtggaac agtgtaaaga cctaggggtg tccatttggc cacacctaa 240
 gaaacacctc ctcttctgtc gaagaatggg tgagtgtctg tctaaggatc agcatcgagg 300
 cacttacttg aattaaaaaa cctactataa aatgcattcc gaatagtaac caggccgggt 360
 agaggctggc gacggctaaa ccttctccg tgggtgtctg ttttgtacac aacgctacga 420
 agggggaaag ccaggcttgt ggggtattctt acactcacgg ctaagacca gaagccgggg 480
 cagcatcagg accagatccc aatttcccaa atgactggca ctgaagaggg ggaag 535

<210> 608
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 608
 gactgagaca gctctggccc tctgctgct cccatagccc gaattanaac caccaggaag 60
 aaagaatctt atactgattc tgtggaggac ctgagatccc ggggatgtgg ccactggaca 120
 gtgcttcggg ctcttcacct gaggggagcc tccccctaaa gaagaaactg agtagagccg 180
 tgacagggag acgccattca cagacgaatc tgaagtcact gcaccttgaa gggtagatgg 240
 gtgcacaagg aatggggcggc atgctgtccc gtttctccca gcaactggaca gaaccaagct 300
 gtgctgggtg aaccctttaa tcccagcacc tgggaggcgg agacagggtc atctctgagt 360
 ttgaggccag gctggtctct agttccagga gagccaagaa tctttaaatt taaaatatat 420
 gatatatagg tcaatcacan agtgcttgcc tagcatcg 458

<210> 609
 <211> 531
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 609
 actgagctgc caatggtgtc cttaccatac tggaaacttac caagaccggc taacaaagct 60
 gcaggaccac cttcggcaac tttctattct cttcaggaag ctgcgactgg tctatgacaa 120
 atgtaatgag aactgtggtg ggatggacc ctttcctggt gagcaactga ttccatatgt 180
 ggatgaagat ggctcaaaga acgacgaccg ggctgggtcca cctcgttttg ctacggaaga 240
 gagacgagaa attgtagaag taaataagaa actcaaacag aagaatcaac agctgaagca 300
 gattatggat caattacgga atctcatctg ggacataaat gccatgctgg caatgaggaa 360
 ctaaagcgat atttaaactt cctgctctac tcatgtgatg aagttgggtt ttttcccccc 420
 tcttgagtat tcttcccttt gaaaaacgtt atttatgtct ttattttaac agctagcact 480
 aaagnttctg ttttcacttt aaaagtattt actagctttt ttttaatact g 531

<210> 610
 <211> 441
 <212> DNA
 <213> Mus musculus

<400> 610
 tgaggggggca gctggcater tctgctacgt gggagcctat gtcttcatca cctatgacga 60
 ctatgaccac ttcttcgagg atgtgtacac agctcttccc tgccgtggtg atcatagctg 120
 taggagcctt gcttttcatc attggcctga tgggtgctg tgctacaatc cgggagagcc 180
 gctgtggact tgccacgttt gtcttcatcc tgctcttggt tttcgtcaca gaagtgggtg 240
 ttgtgggtttt gggatacgtg tacagagcaa aggtggagaa cgaggttgat cgcagcattc 300
 agaaagtgtg taagacctac aacgggacca actccgacgc tgccagccgt gctattgact 360
 atgtgcagag acagttgcac tgttgtggaa ttcataacta ttcagactgg gaaaatacag 420
 attggttcaa agaaacaaaa a 441

<210> 611
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 611
 gaactgagta acaggatctc ggtgactggc tcattgtgga aagtacagtc tctggagtag 60
 aagaggagga ctgagaacta caggctcaga tctctattna gacatccaac agaattaata 120
 ctatcattgg ctataacatg aagctattgn gttaaaggan agaagtcgag tgntaaaaga 180
 cttcctactc caggatatcc tactgaagaa gtccagaana agcatgggtg ccctgactga 240
 cagcagacat gctgnctgat gctaggctgc nggggctgcg tgtgctntcc caccctttgt 300
 gncnngaagn ngacngtgct caaanngatg ngganaggan cggagtccgg anateactgg 360
 gactcggaca tcgnctacac ngaggggttg acccacaggt 400

<210> 612
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 612
 catgcgctgt ggatatggag acagcccttc aaaaggagca gttccatatg tgcaagcatt 60
 tgactcgctg cttgccaatc ccgtggcaga gtacttgaag atgagtaagg agatcggggg 120
 agatgtgcag aaacacgtaa ggacacggng gccctttctt tctcctccta ttttaaggact 180

ggangctttt	cttcacatct	cttcaccctc	atcatagggg	cgteccgnag	ccccctgact	240
cctttttctt	ttcctttatt	ggtccaggaa	cagaaatggg	gttcattttt	ctaggtctcc	300
tgttttatta	catattctgt	gtgtttcttt	tatgacaaag	cttgnntggt	cataaaatac	360
aactgngntc	atctttgtgg	gggaaaaaaaa	aaa			393

<210> 613
 <211> 465
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 613						
actgagacca	gatactcct	ggntgaagtg	acagctgtgg	tgaagattga	aaaagatggt	60
ggtggcaata	atgggggtag	cggcaatggg	ggcggtgccg	cctttttctca	gactcgaagc	120
agcagcacag	gcagtagcag	cagcagtggg	ggcggaggag	ggcagcagaa	ccagacatca	180
ggaggctcgc	tgcaaggaag	tcagcagaaa	gagggagagc	aaagtcagca	gacacagcaa	240
caacaaattc	ttattcagcc	tcagctagtt	caaggaggac	aagctcttca	ggcccttcaa	300
gcagcaccat	tgtccggaca	gaccttcaca	actcaagcta	tttcccagga	aacccttcag	360
aacctccagc	ttcaggctgt	tcaaaaactct	ggtcccatca	tcatttcgga	caccaaccgt	420
ggggcccaat	ggacaggtca	ggtggcagac	ccttcagctg	caaat		465

<210> 614
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 614						
gactgagcct	acacagtcca	gacatccgag	ggtgtacgcc	caacagccgc	ttctgaggcc	60
cgtttgaaag	ccttggtctgt	ttgccacggg	cctctggacc	actacgactt	tctgatcaaa	120
tctcaggagc	tgaggggagga	tgaacatcaa	agaagagtcg	ttcagtgttt	gcagaagtta	180
caggaggacc	ttaaaggata	cagcatagag	gaaggagggc	tctttttcaaa	gctt	234

<210> 615
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 615						
gaggccataa	taacttentg	tggnactctc	agaggccngn	acacngaagc	atggcttggt	60
nccataaac	angaacnngc	atcgaaggcg	ngngcngang	ggccacagg	ccnacagnag	120
gagagggcc	caaagctacc	aaggagagct	ctggccacan	atgngactcg	ttgntcctcc	180
tgggactgcg	atgg					194

<210> 616
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 616

gactgagcct	gtgcctactg	cactagccca	agtggacaga	gagaagatct	atcagtggat	60
caatgaactg	tccagtcttg	agnnagntnt	ccatgatgtc	tcaaagnata	agctttaaga	120
aaagaaca						128

<210> 617
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 617						
tctgggggagc	tcctgcatta	agtcagactg	aggctacgag	ggccccgggt	ctgtactggt	60
gtctccgggtg	ccgcaccaga	tgctgcccta	catgaacgtg	ggcacgctgt	cgcgcaactga	120
gctgcagctg	ctcaacccag	ctgacttgtc	ggcggaagcg	gcggcaccgc	accatcttca	180
ccgatgagca	gctcgaagcc	ctgggagAAC	ctcttccagg	agacgaagta	cccagacgtg	240
ggcactcggg	gagcagcttg	gcccaggaag	ggtgcacctt	cggaaggaga	agggnggagg	300
tctgggtttta	agaaccgccc	agccaagtgg	gagacgacag	aaagcgatcc	tentcggagg	360
agntcagaaa	aacgcccga	gaagtggaac	aaagaacgtc	ctnaaaaagc	cttcgccgga	420
gaagagggga	agaaggaagg	taaaagcgat	ttggactnng	gacagcttga	cgggccgcgg	480
cccg						484

<210> 618
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 618						
tggttcaatcc	aatgactcca	ccacaagtca	atagctatag	tgagccatgc	tgtctccgac	60
ccctccacag	ccaaggagtc	cccagcatgg	gaacagaagg	actttctggt	ctgccctttt	120
gccaccaagc	caactttatg	tcagggtccc	agggttatgg	agcagccaga	gagaccagca	180
gctgcactga	aggatctctc	tttccctctc	ctentcctcc	tnggagtana	gtcanattaa	240
caaagaggcg	gactctntcc	atntcgcccc	tttnngatgc	cagcctggac	ctgcaaaccg	300
naatccggaa	netnacccaa	ctnacttggg	aggntntnat	naactntcgc	tgtacatann	360
ngggcggttn	ctacggncat	ctntccattg	nnaccatgag	cccttcttaa	ggattcccac	420
ctnagatgag	ncatcaaaaa	ggaacttcac	ctcccttatg	gagg		464

<210> 619
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 619						
gagccgttca	gtccaatgca	ttgatagtta	atttgacaga	ttcaaagggt	acttgccttt	60
atgcagaatg	ggagatgaat	ttcacaataa	catatgaaac	taccaaacca	aaccaataaa	120
actataacca	ttgcagtacc	ctgacaaggc	gacacaccga	tggaagcagt	ttgtggggat	180
gaccggaata	gtgccaaaat	aatgatacaa	tttggaattcg	ctgtcctctt	gggcctgnga	240
attttaccaa	ggaagcatct	cattttattca	attcatgaca	tcgggcctttc	ctacaacact	300
tagngatagc	acaagtatct	tcctgggngc	tgnagctaaa	gggagttcat	actggttaaa	360
aancctggag	aattttcaaa	gntncctttg	naaggccatc	ctttaagggg	caatagnngt	420

tttaaactta acaaaccctg acttcctctgg ccgttcaaaa aatattgggg ggnatttcnc	480
cctgcaggct ttttg	495

<210> 620
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 620	
tctggggaac ctctgcatt aagtcagact gagggcngna cccacagtcc agtaagctag	60
atgggcagngt tactatngat ctacnggcnn gatggctatc ccagcangtt gntcctggnc	120
tacaaagtct tgnatgacnn gangaaggcc atccctggnt ttcctcttgn gncgcacaan	180
accgncctgc acattgcana ggacccctct cttggactat gagtacttgc ccttgntggn	240
cctgaaatca ttcatecngt cttcttttga actc	274

<210> 621
 <211> 501
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 621	
tgcttactga gcgtcnanc ttncacatgg aacangttga aatatgctga actacgtgcc	60
cggcagcaaa tggagcagca gcagcagcat ggccagacac ctacagcaggc gcaccagcac	120
acgggagggc cggggatggc cccacttgga gccacaggcc accctggcat gatgccgcat	180
cagcagcccc ctccctaccc actgatgcac catcagatgc cgccacccca tectcccca	240
ccaggtcaaa taccaggccc tggctccatg atgcttgccc agcccatgcc aggtcgcatg	300
atccccgctg tggcagccaa cattcaccct actgggagtg gccctacccc tcttggtatg	360
cctccaatgc ccggaacat cttaggaccc cgggtacccc tcacagcacc aaacggcatg	420
tgtaagtagc acagtgggac gacattaccc agcatcctgc tttggaagct acagataagg	480
aagaaatgct ttcttcgtga a	501

<210> 622
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 622	
gactgagaat cctacnattc ctcatcatga cnccttctca ggncactttt gaaataagag	60
gaactctttt accangagag gntctttgcaa tatgnggaag ctgcgatgcc ctgnnaaact	120
gnaatctca aaatgctgcg gctcttatta ntgaanacga cacaggagac agcgngttgt	180
ggaaagcagc gattgctctc aatanaggag ngncagngaa gnaccgcnac ttcagaggcn	240
gcttttttaga accannggaa ggatgtcttt atatatntt ttattactgn aggacttngc	300
atagtancaa ctttaagttt gaa	323

<210> 623
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 623
gactgagaaa gagtagttga gcagctgcgc agaacctgat agtcaaacaa gagcagccgg 60
acaagttcca gatacagcca ttgtcacagt ctgaaaacaa actacaaaca gcacagcagc 120
agccactaca gccactgc 138

<210> 624
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 624
gactgaggtt tgatctgtgg atgaaatgaa tcatgatttt caagctcttg cattanaatc 60
tcgggggaatg ggagagcttt tgcctaccaa aaagtttttg gaacctgatg attcaacaaa 120
ananggacaa ngaggcgtat ntcttggcna ngatgaangg anagagactg catgggggaaac 180
ttctcatcat tcaatgtccc agcctattat ggtgcagaga agatctggac agagttttca 240
tygaaacagt gaagtaaatg caattctttc tccacgctca gaaagtggga ggccttggtg 300
tgagcatngg tagaatatgt attaagttcc tctcctgctg ataaatggga ttctcgattt 360
aggaaggga ctttttggaac tat 383

<210> 625
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 625
gactgagagt ctatgatgga agtcaaaggg aagaaaaagt ttacaggaaa gagtccacag 60
acatcacaag gaaagaataa atttcataag aacagtgagt ctagttcttc aaagacattc 120
ccaaggaaag ctgttaagga aggcggacct aaagtcacat ctaagaactt tgagaaaggt 180
gccacaaaac ctggcaagaa aggtgtgaag cagttcaaga acaagccaca aggggggcaaa 240
ggaccgaagg acaaatttca gaaggcaaat anattcagca agaagcggaa attccagcca 300
gatggtgaaa gtgatgaatc aggagccaag aaaccaagt gggatgactt tcaaaaaaaaa 360
aaa 363

<210> 626
<211> 540
<212> DNA
<213> Mus musculus

<400> 626
tctcccgact ctcgagagac tacattcgtc gtcctcctct tgetgcttct tgccgtgcct 60
ggagttactg tccgtctctt aagaagtctg ccaggccggt tacatttctc tttccacgag 120
ctccttacc ctaagtatct tccctgagct gtcagtcgct gaccgggttg actttcgacg 180
ccccctccc aactcctcgc aagcctgac tctgaccttt gaaccctaga caccctcatc 240
aacactcttc cctcagtgtg tccccacatc caacagtcgg gatgccgggt gctcccacat 300
cctctctgtt ccaaataagg cccaccccag gtaggttgtg gctgaggagt acgagcctga 360
ggacagcaag agtttgtagt atatagtcca ctgagatccc tgacgcctcg ctccacatca 420
ggaagggtcc accctgaaat tccggctcca catacaggat cttgagtctc cgaacacctg 480
gatccttcga gatgtgaggt cctgtgtcca ggtgagcagt gtgctcttca aaaaaaaaaa 540

<210> 627
<211> 639
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 627
 ggcggtttga agcctctgtg atcgaggagc ggcgcaaggg cgcggaggac ctgctgcgct 60
 tcacgggtgcc catccctgca ctcaacaaca gcccaccaact caaggagttt ttccggggcg 120
 gggagggtgac acggccctct gaggtgtcca gggacctgcg aatcctgcca cccctctca 180
 tccccacacc acctccggat gaggcccggc tacttcagcc gctgcctgcg gaaaggagg 240
 gccaggagga gttggagggt ccagtggatc cctcccgcgc cagccctgcc caggaggcct 300
 tggaccttct ctccagctgt gacagtacgg aggaagcttc cagctccctg gctcgaggtc 360
 cctctcttga ggctgaactt gcccttttcg acccttactc caaagaggaa agtacaggcc 420
 ccagccctac ccacacaggt gagctggcag ccattgaggt agagtccaaa aggctggacc 480
 aggaaccctg ggagccagga ggacaggagg aggaaaaagc tgaggatgga gagcctgccc 540
 cagcttacct tggccaggcc acagagctca tcaactcaagc cctgcggaat gaaaaggctg 600
 gcgcctacgc tgctgntntn caaggctacc aagaagggg 639

<210> 628
 <211> 770
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 628
 gtgggggtctt tcagtgtctg accctgactg ccaagaagaa ctacagggca gatggcatcg 60
 ggagcagccc actctctaat caggatgctt tccgtctatg gtgcctcttc aacttcctgt 120
 ctgaggacaa gtaccgctg atcatgggtc ccgatgaggt agagtatctg ctgaagaagc 180
 tccttggcag cctgagtttg gagatgggccc tgggcgagct ggaggagctg ctggcccagg 240
 acgcccagtc agcccagacc gccgtggggc tcagcgtctg gcagtctctg gaactcttca 300
 actcaggccg ctgccttcgg ggtgtggggc gcgactccct cagcatggcc atccaagaag 360
 tctaccagga gctcatccaa gacgtcctga agcagggcta tctgtggaag cgagggcacc 420
 tgcggaggaa ctgggcccag cgctgggttc agctgcaacc cagcagcctc tgctactttg 480
 ggagtgagga atgcaaggag aaacgaggca ccatttcccc tggatgctca ctgctgtgtg 540
 gaggtgcttc cggaccgcga aaggaaagcg ctgcatgttt tgtgtgaaga ctgccagccg 600
 cacctatgag atgagcgcct cagacacccg ccagcgcagc gaagtggacg ggccggtcac 660
 nngcncgcn tnngtttanc tgggcctgtt caccgaaant gaccttttgg ggcccctttt 720
 ncggtaggng actaanaaca agccttgact cccgtccggc tctgccctta 770

<210> 629
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 629
 gacgtctggg gagctcctgc attaagtcag actgaggctc cttcactgat gttgtcacca 60
 ccaacctaaa gcttggcaac ccaacagacc gaaatgtgtg ttttaaagtg aagaccacag 120
 caccctctgca ngtactgcgt gcggcccaac agtgggggtc ttgatgccgg ggcctctctc 180
 aatgtgtctg tgatgttaca gcctttcgat tatgatncca atganaaaag taaacacaag 240
 tttatngtt cagncatagt ttgctccacc tgactcttnt nanatggagg cagtatncca 300
 ggnngcaanc ccggaagacc ttatggattc aaaacttaga tgtgnttnen antngccac 360
 catnaaangc tagtccacat gntgnagaaa tanataaaat catacctacg gagtgcntnc 420
 aanacanaag caccggcagc cgcaaagtc ctgacatcgc cctcagatga cacagaagta 480
 aagaaggnga tggaagagtg caggcggctg caggggggag g 521

<210> 630
 <211> 800
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 630
 gacgtctggg gagctcctgc attaagtcag actgaggtgg ggtctttcac gctggcttcg 60
 cgagcagtc ccgacccacga tcgcttttgg caaccagaac cggcgcttca gcccccgggg 120
 tgacgtgcag cccgccgccc agacacatgg ccccgagccc aagaccccag catgtcctgc 180
 actggaggga cgcaccacaac ttatatatan tgtacgaant gatgntnttg ctcagtcggg 240
 cctggagccg cctgagggggc ccagaagtc cagaggcatg gctggcaaaa acagtaacag 300
 gagcagatca gatagaagct gcggctctgc tgacacctac ccctgtctct ggtaacctcc 360
 tccctcatgg ggagactgaa gaaagtggat ctctgaaca gagtcaagca gcccagagggc 420
 tctgccttgt ggaagctgaa agttccctc ctgaaacttg gggactttca aatgttgatg 480
 agtacaatgc aaagccagga caagatgacc ttagagagaa ggaaatggaa cgcacagctg 540
 gcaaggccac actacagccc gctggcctgc aaggggctga taagaggctt ggggaggnng 600
 tggctagaga agagggagtg gctgagcccg cttatccac atcacagntg gaggggtggnc 660
 cagcttgaga atgaagagga tggagaaaca gtgaagactt accaagcttc tgctgctttc 720
 atagctncgg gatacaaacc cagcaccct gtgccttttt tggggaggca naacatcaag 780
 ccacggaaga aaaaggaaca 800

<210> 631
 <211> 658
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 631
 gacgtctggg gagctcctgc attaagtcag actgaggtac ccacccggcn gcatggcaac 60
 cctacagctg ntcatagtc ccttgctgtg nntcctgctt ngggtctttt gngctccagg 120
 tgccaganc catgaccatg nggctgatgn ccatnatggn agcntggnc tggataagan 180
 cacagtgcac gaccaagagc acatcntgga acatntngaa ggtgncatcg accaaccaga 240
 ggcggagatg tccccacagg aactgcagnt ccattactta aaantgcatg attacgacgg 300
 caacagtttg cttgacggcc tanagctctc catagccatc actcacgtgc acaaggagga 360
 ggggagtgag caggcgccag tcatgagcga ggatgagctc gtcagcatca tagatgggtg 420
 cctgagggac gatgacaaga ncaattgacg gctacatcga ctacgctgag tttgcaaaaag 480
 tcaactgcagt agaccgttgg ctctttttcct tttgtgcaca tgtgaccctt gctaattnga 540
 tggacgtgtc tggtaatgcg aaacaactta tttccgtcta ctgctcaaca cttttggtaa 600
 aaaccctgtg gcannctgnt anaatggggg ggaggaaana aaccacatga ctggggaa 658

<210> 632
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 632
 ggggtgagcca tagactatcc taggaaacca aaccagggcc cngcnttggt cagagagggg 60
 acagataatg nactccctga nccgnngnat cnaggatagc accccacagt gcatncctgn 120
 ctattnagag gcacanactc tcagcacgtg ggagaccttg ctacctacgg acaatncttg 180

atntacagnt gtattgccac ttncttgctc aacaaacctg ttactttntt ggaaataata 240
 ttttaatt 247

<210> 633
 <211> 378
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 633
 ccatggtaac atgcttatnc tgtntacact tctatatgga caagaagtct aaactaggaa 60
 cctacctact ctggacaacc attcccatct ccacccanag gacaccaatc atcgtgacac 120
 cactgccatc ttttactaag ttcccccaac ctcttctctc tctcactagt agacttaata 180
 cagaagcaag gatctaggcc ggggtgttgct actctgaaac ttattgcacg agatattgtc 240
 aatttatccc ctaactgacc tcccagagaa gaaagaagtg ggaagaaacg gcgaatagaa 300
 ggcaagagac actgatcagt tagaggggaa actctacatc ttctctgggt gagagctctg 360
 naactgaaga aggcaaaa 378

<210> 634
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 634
 ttatcatggg gcgcaagttg gatcctacga agaaggagaa gcgtggaccc ggccgaaagg 60
 cccgaaaaca gaagggtgcg gagaccgaat tggtcagatt tttgcctgca gctgncgatg 120
 agaattccat gaggctgten agtcttnccc gaatncgggc anccaagagg agggcagggt 180
 ctggttgacgt ccctaagcca aataagtctc ctgggatcaa aacattgcct ggagagttat 240
 ccaaagga 248

<210> 635
 <211> 683
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 635
 ggactttgaa tatgtcgggg atcgccctca gccgccttgc gcaggaaagg aaagcctgga 60
 ggaaggacca cccttttggc tttgtagctg tcccaacaaa gaaccctgat ggcacaatga 120
 acctgatgaa ctgggagtgc gctatccctg gaaagaaggg gactccatgg gaaggaggct 180
 tgttcaagct acggatgctt ttcaaagatg actatccgtc ctcaccacca aaatgtaaata 240
 ttgagccccc actgtttcat ccaaacgtgt atccttcttg cacagtgtgc ctgtccatcc 300
 tggaggaaga caaggactgg aggccagcta tcaccatcaa acagatctta ttaggaatac 360
 aagaacttct aaatgaacca aatattcaag acccagctca agcagaggcc tacacaattt 420
 actgccaaaa cagagtggaa tatgagaaaa ggggtccgagc acaagcgaag aagtttgccc 480
 cctcataagc agcggccctg ggctccatga cgaggaaggg attggccttg caagaacttg 540
 tttacaacct tttgcanatn taagtcgctc cgtacagnta ctantncct ggganggntg 600
 agcgggcncc attttccttt tccgccattg gatattcagn cttttgattt ttgantatta 660
 annaaaactt gcttttattt taa 683

<210> 636
 <211> 665
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 636
 tctgggggagc tcctgcatta agtcagactg aggtcctcag tatggcagcc tggagcgggc 60
 gtggggcgcc atgatgacag aagcagataa ggtcagcgag ctgcaccagg aggtgaagaa 120
 cagcctgctg aatgaggacc tggagaaagt caagaactgg cagaaggatg cctatcacia 180
 gcagatcatg ggtggcttca aggagacgaa agaggccgag gatggcttcc gaaaggccca 240
 gaagccctgg gctaaaaaga tgaaggagct agaggcggcc aagaaggcct atcacttggc 300
 ttgtaaggag gaaaggctgg ccatgacccg ggagatgaac agtaagacag agcagtcggt 360
 cacccttgaa cagcagaaga aacttgtgga caaagtggac aaatgcagac aggatgtgca 420
 aaagactcag gagaagtatg agaagggtgct ggaagatgtg ggcaagacca caccacagta 480
 catggagggc atggagcagg tgtttgagca gtgccagcag tttgaggaga agcggctggt 540
 cttcctgaag gaagtcctgc tggatatcaa acggcatctc accctancgg aaacagcagc 600
 tacttgcatt tctaccgaga actggagcag gccttcgggg gggcccgatg ccccaggagg 660
 acctt 665

<210> 637
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 637
 acttgcaaaa ttatgaagga ntctanaagc agagganaac ataaaagncc ancnccttng 60
 nncnccttat cncaccctc cctgagtctt ggcattggaca cacctatnaa ngaccttcct 120
 ggngcagata catnctcna tgtgaaggga gaaaagctta ctgcctgnaa acttgccagn 180
 ctctacaggc tngcagactt gnttgggngg gcgcacctgg caaatacgtat cat 233

<210> 638
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 638
 tctgggggagc tcctgcatta agtcagactg aggattacaa cattccagag tcccactggg 60
 gaagaacaag atacttcaat aaatgaagga gaacaaagaa aactcaagcc cttcagtcac 120
 gtcagcaaac ctggaccaca caaaaccatg ttgggtactgg gataagaagg acctagcgca 180
 cacaccctca caacttgaag gactcgatcc agccactgag gcccggtacc gccgagaggg 240
 ggctcgtctc atctttgatg tgggcacacg tttgggggtg taccctgaat ctctgggatt 300
 tgttgtgaat aaactccatc accaagaatt agattaaaaa aaa 343

<210> 639
 <211> 596
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

```

<400> 639
tctgggggagc tcctgcatta agtcagactg agnattaaat ctgagagaaat ctgacatcag      60
agtgtgtgat  gaatcatctt gtaaatatgg aggtgtctgc aaagaagatg gagatgggtt      120
gaaatgcgca  tgccagtttc agtgccatac aaattacatc cctgtctgtg ggtcaaacgg      180
ggacacctac  cagaatgagt gctttctcag gagggctgct tgcaagcacc agaaagacat      240
aaccgtgggtg gcgcgtggac cttgctactc tgataacggg tctggatctg gagaaggagc      300
agaggaggaa  ggctcaggag caggngctna caggaancat tccaagtgtg gaccgtgcaa      360
gtacaaggcc  gagtgtgacg aggatgcgga gaacgttggg tgagtntgta atatagnctn      420
cngtggcttc  acnannnnac nctnccccgc ntganganng ancntcctan aatgnccgnt      480
gtgtcntccg  aaaggcgact tgcataaagc actgaacnga tcgacanant agcnngtcng      540
ccnctggnaa  tacacagatg angtggagat tattgnnaaa gaaggacgac gggctg      596

```

```

<210> 640
<211> 578
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

```

```

<400> 640
cccagttgtg  acatgatgga actaaggcgc cgttatcaga acttatatat tectagtgc      60
ttttttgatg  ctcagttttac atgggtggat gctttccctt tgtcaagacc atttcaactg      120
ggaaattact  gcaattttta tgtgatgcac cgagaagtag agtccttaga aaaaaatatg      180
ggctgttctt  gatccacctg atgctgacca cctgtacagt gcaaaggtaa tgctgatggc      240
tagccctagt  atggaagact tgtatcataa gtcatgtgct cttgctgaag acccacaaga      300
ccttcgtgat  ggtttttcagc atcctgctag acttgtaag tttctagtgg gaatgaaagg      360
caaggatgaa  gccatggcca ttggaggcca ctggctctct tcgctggatg gaccaaaccc      420
agaaaaagat  ccctctgtgt tgattaaaac tgccattcgt tgttgnaagg ctctgacagg      480
cattgatcta  agngtatgca cacagnngta ccggtttgca nagattcgnt accatcgccc      540
tgnnggagacc cacaaggggc gnacagttcc agctcatg      578

```

```

<210> 641
<211> 716
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

```

```

<400> 641
tctgggggagc tcctgcatta agtcagactg aggcctgaaa ctcagcaccg aggcctctgca      60
cccactccg  agagcgacat cccagagcag gaggaggaga ttctagggtc tgacgatgac      120
gagcaggaag  accccaatga ctactgtaaa ggaggttatc atcttgtgaa aattggagat      180
ctattttaacg ggagatacca tgtgattcga aaattgggct ggggacactt ttccacagtg      240
tggttatcat  gggatatcca gggaaagaag tttgtagcaa tgaaagtagt taaaagtgct      300
gagcattaca  cagaaacagc actagatgaa atccggctgc tgaaatcggt tcgcaactca      360
gaccggaatg  atccaaatgg agaaatgggt gttcaactac tagatgactt taaaatatca      420
ggcgttaatg  gaacacatat ctgcatgggt tttgagggtt tggggcatca tctactcaag      480
tggatcatca  agtccaacta tcaggggctt ccgctgcctt gtgtcaaaaa aattattcag      540
caagtgttac  agggcctgga ttacttacac acccaagtgc cggatcatcc acaccggaca      600
tcaaaccaga  gaacatcttg ttgtctgtga atgagcagta cattcgaagg ctggctgcag      660
angccacana  gtggcagcgc tcangagctc cccaccatc ggggtcttgc aggcctg      716

```

```

<210> 642
<211> 276
<212> DNA
<213> Mus musculus

```

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 642
 gtctgggggag ctctctgcatt aagtcagact gagtgctcca ctccagctac ggggaactggg 60
 gaactgtcgt tgggcggaag aagtgacaca gcagcttgac actctccagc tgtgtagtct 120
 caccaaacat gaagaaaatg agaaagacaa atgngaaaat caccatgaaa aacttagtag 180
 tgttttgcgt gacttgtnag aagtgtatct gccatnagt ngcnctttgg ggaggaatgg 240
 ngngcnganc aaatgttnn tttggtttac atacta 276

<210> 643
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 643
 gaacgggtcat caaagctccg ctgtgcttgg ttactgggtgt tcctggcagg ttcctccgtc 60
 ctcttatatt acacctttca ttctcagtc cttcattaca gg 102

<210> 644
 <211> 781
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 644
 gtttatcaat gccagcaaga agaatagtgc agcccatgat tgaccagtca aatcgagcag 60
 ngagccaagg agcagcntat agtccanagg gtcagcccat ggggagcttt gtgttgatg 120
 gtcagcanca catgnggatn cggcctgcag gacccatgan tggaangggc atnantatgg 180
 gcatggatgg ccagnngcac tatatgnann cttingccatg tnangcaatc tctnggcaag 240
 ggggaagtgtg canagcatgc cnggggacta cnttntctcag ggtgggtccnn tgggaatngn 300
 tatggcccan ccaagttaca ctctnccca gatgacccca caccctactc agttaagaca 360
 tggacncca atgcattcat atttgccaag ccatccccac caccagcca tggtnatgca 420
 cggaggaccc cctacccacc ctggaatgac tatgncanna catagcccca caatgttaaa 480
 tntgtacat nccaatgttg gcgacaggt tatggacatt catgcccant attttaangg 540
 aactcnngga anaaggaaac acacncaaaa actattttta gactctctga actttgacca 600
 natgtgacac ttaatatgaa actccagaca nctgtgatta ttttttactt tnntggnatt 660
 tntcatcnag caacagagga ccantgngac angaacacan atgtgaaagc gacgggctca 720
 tegtgacaat tttgnccatg caaagatcct ttggagaaan actnccgagag ttataactac 780
 t 781

<210> 645
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 645
 gcctgagccg ggctgggctc ccattttgggt tgatgcgcgc ggagctagca tgnngagggt 60
 accccatcga gctgcggtgc ccggggagtg atgtcatcat aggtggtggc aaacgggcag 120
 gatgagtatt taataaaagt tcgcaagttt ccaaaaaa 158

<210> 646

```

<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 646
acttttctctc ccccccttga tctcgctgcc tgtgaaagcc ngggntagn tcaactaaga      60
cgcctcctgc gagaaagcca gagaagagct anggggctgg gggaaggagt ctaaaat      117

<210> 647
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 647
cattagtcag actgagggcgn caagcccac tngtngngct cgcacccaac tgtgatgagc      60
ccatgtntgt caagctggtg gaggcacttt gtgctgaaca ccaaa      105

<210> 648
<211> 212
<212> DNA
<213> Mus musculus

<400> 648
gaaagcgatt tcgctcacgt tttattagca caaggaagac agccggctcc ccgaggcaga      60
agatcgcagg caccattcgc tcgccacca gactctgcgc gcagccccgg agccagagag      120
gaggatcgtg aaccgaagcc agcttcgcag ttctagtttt gaaagcgccg ctggaaaggg      180
gcttaaatcc gctttttttt tttttaaggg gg      212

<210> 649
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 649
ctttgggggag ctcttgcatt aagtcagact gaggaagcca gagctatgca gttctccagc      60
tcatccagga catcagatga gaatgtggac tatttgttca aggtcatcct aagagcttgt      120
ccggatggtg ctgaatggct gangacattc tgtatcccga gtctgttctt tgcccagtgt      180
gatttctgtg tggtccaga ggctccctg tcacagcacc ttgcccattn ggtttctttg      240
aggatgatgn ctgccttcac caaataaaat ttgctntctt tgccctcaaa caaaaaaa      299

<210> 650
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)

```

<223> n = A,T,C or G

<400> 650

caggaaagaa	aggaaaggaa	aagaaaaata	gagagggcaa	ggacaaggaa	aatggctctg	60
tatctaccag	tgagacacca	ccacctccac	caccaaata	aattagtcct	ccacatgctg	120
cygaagaaga	ggaagatgnt	gactggtnng	gaggatacta	attgtggaat	cntcnaagge	180
ncnngnatgg	ttgngatcnn	tgaccatnct	nanaggtctg	acacttaaata	gttgattt	238

<210> 651

<211> 359

<212> DNA

<213> Mus musculus

<400> 651

atgttccct	tctctggctg	ctggaggact	gaactgttat	tgttgctact	cctggctgtg	60
gctgtgagag	aatcctggca	gatagaagaa	aaatcgtgtg	acctggtagg	agagaaggat	120
aaggagtcaa	agaacgaggt	ggctctcctg	ggagagggtta	cggccactgt	ttaacaaaag	180
ttttgagagt	actgtggggc	agggctcaga	cacatacagc	tacatatcca	gagtatgccg	240
ggaagctagc	aaccactcct	ctggagcagg	cctgggtccag	atcaacaaaa	gcaatgacaa	300
ggagacagtg	gttggggagaa	tcaacgagac	tcacatcttc	aatggaagta	atagaatca	359

<210> 652

<211> 771

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 652

gacgtctggg	gagctcctgc	attaagtcag	actgagtgcc	accatggcaa	ctgcaccgta	60
caactactct	tacatcttta	agtatattat	tattggggat	atgggagtag	gaaaatcttg	120
cttgcttcat	caattttacag	aaaaaaaaatt	tatggctgat	tgctctcaca	caattgggtgt	180
tgaatttggt	acaagaataa	ttgaagttag	tggtaaaaaa	atcaaactgc	agatttgggga	240
tacagcaggg	caggagcggg	tcagagcggg	tacacggagc	tactatagag	gagctgcagg	300
tgcgctcatg	gtgtatgaca	tcaccagaag	aagtacatat	aaccacttaa	gcagctgggt	360
gacagacgca	aggaatctca	ccaatccaaa	cactgtataa	attctcatag	gaaataaagc	420
agacttggaa	gcacagagag	atgttaccta	tgaagaagcc	aaacagtttg	ctgaggaaaa	480
cggcttattg	tctcttgaag	caagcgcaaa	aacgggagag	aatggagaag	atgcttttct	540
tgaggctgcc	aagaaaatct	atcagaacat	tcaggatgga	agcctggatc	tgaatgctgc	600
cgagtctggg	gtacaacaca	aaccctcagc	cccgcaggga	ggacggctaa	ccagtgaacc	660
ccaccccaaa	gagaaagctg	nggctgctag	tgacctcttt	gctctggccc	ctcatttgac	720
cttccacctn	tgnetgggtg	aagcagactt	tttactggct	ccttggcttt	g	771

<210> 653

<211> 396

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 653

actgagggga	caaacaagtg	actcctgtca	ccccctctgg	tgccctttan	aggccatcca	60
gccaacctg	accaatgtcc	acagccaggg	aacagccaat	cttcagcacc	cgggcgcacn	120
gtattccaga	tngacccccc	tacaaaagcg	aactggatcc	ccgcgggcaa	gcacgcactt	180
accgtgtcct	atttctatga	tgaaccccca	aatgggtgtac	cgcacatcca	gcattngggg	240
gngccaaggc	catcatcaac	agcactgggc	actcccaaca	ttgaccttca	ccaaaacctc	300
tnagaagttc	gggcaatggg	gcagacagtc	nagccaacac	ttgtctacgg	cctaggcttt	360

gcctctgaac agcagctgac ccagatatat ttgtat

396

<210> 654
<211> 384
<212> DNA
<213> Mus musculus

<400> 654
gacgtctggg gagctcctgc attaagtcag actgagaaga tggacgacat gtcgcccagg 60
ctgagagcct ttctctctga acccattggg gaaaaggatg tggcctgggt ggatggcatc 120
agccgtgaac ttgccatcaa tttgggtcacc aaagggtttca acaaggccta tgtcctgctt 180
gggacagttt cttctgatgc acaagaatga agcagagttc cagagggtga tcctctgctg 240
ctgtggagct accggagtggt gagggccgcc agagctccac ctgcctgaag gagtgggtgct 300
cctgtttcct atagatatct ctggcctggc agctctacct cagataaagg ctacccatgc 360
tacctacaga caaccaaaaa aaaa 384

<210> 655
<211> 443
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 655
gaactgaggt tgetttctata actggatcac gagtttgctg caciaaagtac catgtctcga 60
tcccggcagc ccccaacttgc gtgagctgtg nentccatag nanggatgtc taggaatcag 120
atcccanaga gncccgggaa ggaccnanc acnctgacca cnatncanac ctgctgtngc 180
tgntcntnga ccttnatcaa atcctatgtn aagagggcgt nttgtaagga cggaaggaan 240
attaccctgg ganaagcnaa tгнаanttgg gctttantat tgtcacaact aagggttgggn 300
tgtaaaggaa nctcaactgt ctcttttaag ctactcaagc ctgaaaaaat aggcatttta 360
gatcagttct cagtgtgggt ggatgaaatg aattattatg atatgcggac tgacaggaac 420
aaagggattc ctcccttgct tct 443

<210> 656
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 656
gactgagatc ctgatggcng ttgtacagcg tggagcctgt ccaanatgaa gagacccttg 60
cctgtgccga tgagtttgac gactttgtca cntatganc caangangng acngacagng 120
catatntggg gtntgagagc ncctacagng agcagtgaga ccttcacana ngaggacacc 180
agcaccctgg ngcaccctg agctgcngcc tgaaggggac gtggacagtg ctgggtggctc 240
aggggtgcc tctgagtgcc tggacaccat ggaggagcct gaccatgggt cattgctgct 300
gtccccaggc agntcngtgc ttnacgctcc nagngtaggt gtttgtgnag tgcgcagtgn 360
anccttntag ttenceantc ttgggctagg tgagccat 398

<210> 657
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)

<223> n = A,T,C or G

<400> 657

actgagggtc agacaagaga aaagctctag aagagaccaa agcatatata actcaatctc	60
tagctagtgt tgcttatcaa atnnatgcat tggccaacaa aaaaaaa	107

<210> 658

<211> 462

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 658

ctgagggttc cggcgctncc cgtgaaaaac tngaattggca ctggccctgt ncacccagcc	60
ttgctcaggg ntgaccgnga tncgtctgtg tgcagcgtag ctgccgangt gcctgacacg	120
agcacccaaa cccatcctgc acccaccacc agtangcaaa agcnactgtn gaagcctgtg	180
cctgnagtgc ccgngtgtg ccgaaagacc aanaaaaaac acctcaagaa aaagcaagaa	240
tcctgaggat gtggttcgga ggtacatgca gaagggtgaaa aaccccgct gatgaggact	300
gtaccatddd gcatggggagc ggctgntcac agnatctggg ctatgagggc gtgctccgaa	360
aacaagagtg tgcgggccga gcttgtgggc cgnctgggcc gtnggggnca natgtatcac	420
ntggntctgn ctggnggcca tgtactccaa tggcaaaaag ga	462

<210> 659

<211> 416

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 659

ctgggagatg tgacgccaca caatattaaa cagttgaaga gactgaacca ggtcatcttt	60
ccagtcagct ataattgatga attctacaag gatngctag aggttggcag agctagcaaa	120
acttgcatat ttcaggngat atagctgtan gtgcagtgtg ctgcanggn tggatcattc	180
acagnaatca aaagagacct ttnctcatg acactaggga tgccttgac cttaccgaag	240
actaggaata ggaactaaaa tgttaaatac tgtcctaggc atctgtgaga aggatgcncn	300
ccctttttgac aanatctatc tgcattgtgca ggatcagnna gttgagncca gcngattgac	360
nttttacccg ggaaagtgtg gctttttgag attatccgna gacaggagaa caactt	416

<210> 660

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 660

gaagagtggc agacagaaag aanaggctct ggtccaaaga gagaggatgt gtctctggaa	60
catggatgcc attancaagg atgtttttta taagagtgtt attaatacag ataaaagaaa	120
aacaa	125

<210> 661

<211> 349

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 661

ctcgaccctg	cctgaccggn	ctctanngaa	ctgncagtag	agttcagnca	ccttcancnc	60
angtgagcgc	aagcgaaggc	ctcatggaga	ccggaagtct	tgtgagatgg	ggctgcagct	120
acgacagacc	ttcnaggcag	gcattctcac	acagctgcac	ccccgctctc	agatcgacat	180
ctacgtgcag	gtgctgcaag	cagatggtgg	gacctacgca	gcattgtgtg	atgcagccac	240
gctagcagtg	atggatgctg	ggatacctat	gcgggacttt	gtatgencat	gttcagctgg	300
ctttgtggat	ggcncancac	tancggacct	cancacagtg	gaggaagca		349

<210> 662

<211> 156

<212> DNA

<213> Mus musculus

<400> 662

gactgagggtg	tggaaatgta	aactttgcta	ggagaccagc	tgtaacagat	gtgggtcgagt	60
tgcagtaatg	tgaattgggc	tagaagatca	gagtgttaaca	tgtgtataac	tccaaagtat	120
gctaagtttag	aagaaagaac	aggtaagaaa	aaaaaa			156

<210> 663

<211> 513

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

<400> 663

gactgagggtt	gaagctggaa	tttgccccctt	acgagcaaga	agatgatgag	tgacgctagt	60
gacatgctgg	ccgcggcgct	ggagcagatg	gacggaatca	tagcagggtc	taaagccttg	120
gagtattcca	atgggatttt	tgattgccaa	tctccacact	ccccatttat	gggaagcttg	180
cgcgctctgc	accttgtgga	agacctgcgt	ggattgttgg	agatgatgga	aacggatgag	240
aaggaaggat	tgagatgcca	gatcccagat	tcaacagcag	aagtgcctat	tgagtggctt	300
caaaatcaaa	tgacaaatgg	ncatctacct	gggancggan	atgtgtatca	agaaagggtg	360
gcacgtntag	aaaacgacaa	ggantccctn	gttcttnang	caagtggtag	ttgagnccat	420
tcctttntna	ngacangtgg	nccttncaac	tttgaatctc	atgtatgtgc	aacacctgta	480
ttaanncacc	tgaatattac	atgccatcta	agc			513

<210> 664

<211> 252

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(252)

<223> n = A,T,C or G

<400> 664

acgtgtttcga	ggatgatagg	gaagggacga	tccggagaga	tttccatcga	tgacattcgg	60
ataagcactg	atgncccnch	ggagaactgc	atggaacca	tatcagcttt	tgcaggggnc	120
nccttencag	nnaggnaccg	agcccnacgg	gnacncangn	gcccgttcta	ttncatncca	180
gnetactngt	attacgttat	ggcggccggg	gncnccegtg	ctggtgcttg	gcgggggggg	240
gcctgccctt	gg					252

<210> 665
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 665
 gcccttgctg tcagtgcnaa gtgaaangaa tgcggagtgt anangtgagg anntggctnc 60
 tacttnagac ngacgagctg aatgatgccc ctgnttgccg ccnccgnaatc anatgacagc 120
 gaggacactc ccagcangct ctccggggcc agaggaaaca canncctacc agatccagga 180
 actnctgagc agnaccaggt ctgtcagnc caccctcanct ttccagttgn gccacagcct 240
 cttctgacgg cacaacagtt agccctttgc tgtgncccgg ggcgatgccg nnaggccccc 300
 caccctcaa tcaggcaatc ct 322

<210> 666
 <211> 348
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 666
 aatcaggaat gattctccat cccagagaga tgaagtaatt caatgggttg ccgaactcaa 60
 naccagttc aacctctatn cagaancatt tgctctggca ngcagncctt tggatagggt 120
 tttagctaca gtaaaagccc atccaaaata tttgaattgt attgcaatca gctgtttttt 180
 tctggctgct aagactgttg aggaagatga gaaaattcca gtgttaaagg tattggcaag 240
 agacagtttc tggggatggt cctcatctga gattttgaga atgggagaga attattctgg 300
 ataaatngna ttgggatctt nacacggnta caccattgga tttttctt 348

<210> 667
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 667
 ggctctggcg gccactggga aggaggagg cctgagcgcc cggtctgctgg cctgggtggg 60
 ntctgntctt tctcgttggg ggcattatag ggaagantgc cttgnanggg ccgatgcgaa 120
 ggatggcagg ntggattgan ggatctacca caccatggga tt 162

<210> 668
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 668
 ctttggaaga agaaccagga tgactttgag tgtgtgacca ctcttgaggg ccatgaaaat 60

gagggtcaagt	cagtggccttg	ggccccatct	ggcaacctct	tggctacctg	cagcagagat	120
aagagcgtgt	gggtctggga	agttgatgaa	gaggatgagt	atgagtgtgt	cagtgtcctc	180
agctctcata	cgcaggatgt	taagcacgtg	gtttggcacc	cgagccagga	gcttttagct	240
tntgctagct	atgatgacac	agngaagcta	taccaggaag	aaggggatga	ctggg	295

<210> 669
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 669						
gactgaggtt	gtggagcatg	gcctgtttgt	cangcactgc	acngtggag	tgtatttgct	60
gganctgaag	ctctgtgaga	tcagtgaccc	caccantgtg	ctaagntgcc	atttttagcaa	120
agcagacacc	attgcaacta	ttgagaagga	gatgaggaag	ctcttcaaca	tccctgcaga	180
acgtgaaaca	cggctttgga	acaaatactt	gagcatcac			219

<210> 670
 <211> 519
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 670						
gtctggggag	ctcctgcatt	aagtcagact	gagtcctaac	aggggcttta	cagaaatgca	60
ctgtatgagc	ggccactcta	attttgtgnc	ttgtgtgtgt	atcataccct	caagtgcacat	120
atatcctcat	ggactgattg	ccactggagg	aaatgaccac	aatatttgca	ttttctcgct	180
ggacagtcca	atgccacttt	atatttttaa	gggtcacaaa	gatactgttt	gtagtctttc	240
ttctggaaaa	tttgggacat	tacttagtgg	ctcatgggac	accactgcta	aagtctggct	300
gaatgacaaa	tgcattgatga	cattacaggg	tcatacagcc	cgcagtatgg	gcagtaaaga	360
ttttacctga	acagggctta	atgctaactg	gatcagcaga	caagaccatt	aaactatgga	420
aggctggaag	atgtgagagg	acttttttag	ggcatgaaga	ctgtgtaaga	ggcttggcaa	480
tcttgagtga	gacagaatth	ctttcctgtg	caaacgatg			519

<210> 671
 <211> 431
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 671						
tgaggtgatg	ctgggagcag	aactccaaaa	gnccagaagc	ttcgtgaagc	tatggctgcc	60
ttaagaaaat	cagctcaaga	tgtccagaag	ttcatggatg	ctgtcaacaa	gaaaagcagt	120
tctcaagatc	tacataaagg	aaccttgggt	caggtgtctg	gagaactgag	caaagatggg	180
gacctgatag	tcagcatgcg	gattctgggc	aagaagagga	ctaagacatg	gcacaaaggc	240
accttatttg	ccatccagac	tgttggncat	ggantanaat	acagagtga	ngactgacna	300
ccaaggaccn	agntngctat	ccaggggaacc	atagtgncat	tnatnaccac	ccttccgctn	360
actatgctgn	ttgaggacan	ccgantgggtg	nccaagtaca	aagatggaaa	tcangcctgg	420
ctttatgctg	g					431

<210> 672

<211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 672
 tggcactctc ttttctgctc ttaccctgcn ncaacattcc tttccaggga cagccngntg 60
 anancnttcc acggagtgtnt gnaccntgan gcgangantt taaaagttgn ggcttgaaag 120
 acaggaagat acggatggct tcctcgtctg gcaacagacg atgatntcac tatccccaga 180
 gctgntntna atatgatgat caaagagact cttntaatg tccgggtggc cancgatgcc 240
 cgagagctgg tagtgaactg ctgcacggaa ttcattcacc ttatatcttc tgaagccaac 300
 gagatttgta acaagtcaga anagaagact atttcaccag agcatgttat acangcactg 360
 gaaagtttgg gctttggctc ttacat 386

<210> 673
 <211> 253
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 673
 ttcttaacat gcttgagttn cgaaccagtn ttnccttgag atgaacnctn tttngcaaga 60
 gcgaggnncn naaancnttn nctttcagga catggaatct gaattggaga anacagaagc 120
 tnagctcaat gcagnagtca gagagaaanc atctctctct gcgagtaatg cttcactnng 180
 aaaaacggnt tactgaatta accagagcca acgagctact aaaggctaag ttttctgaag 240
 atggtcacca aaa 253

<210> 674
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 674
 gactgagatg ggagatcttt ggtcagcn cncttatgaag gtgaatgctt cccaggctcg 60
 tcagttttaa ccttgtatta agcaaataaa tttccctaca aacctcatal gactggaaaa 120
 aaaaaaa 127

<210> 675
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 675
 gacatgggtg tactgtggag tttatgataa tgccttaaac aatgacaact acaaccttgc 60
 tagaggcttc aattaccacc aaggacctga gtggctgtgg ccaattgggt attttcttcg 120

tgc	aaagttg	tatttttcca	aaatgatggg	cccagagact	gctgcagaag	actgtatngt	180
ttg	gttaaaa	atgttctttc	tagacattat	gttcattctt	agagatcccc	atggaaaggc	240
ctt	ccggagc	tcaccaatga	gaacggccag	tactgccctt	tcagctgtga	gacacaggcg	300
tgg	tcaatgg	ctgntgttct	ggaaaccctc	tatgatttat	agttggctca	taaatagtaa	360
ttg	tgtgaac	acttgacatt	attgaatgca	aggtcataaa	gaaatgta		408

<210> 676
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

act	gagtctc	catgaagtgc	caggagcacc	cgtgcgtgtc	ccctgtctct	aatcatgtgt	60
atg	agcggcg	actcattgag	aagtacattg	cagagaatgg	cacagatcct	atcaacaacc	120
agc	ctctctc	agaggagcag	ctcatcgaca	tcaaagttgc	tnacccannn	cgacccaanc	180
ctc	ntctccgc	caccancntc	ccagccatnc	tgaangcctt	gcacanatga	gtgnnatgca	240
gg	nnatgctg	cacaggtnca	ctctncgcca	gnaactgctg	acaacccggc	aggagctgnn	300
cc	atgctctg	taccaacacg	atgcttgctt	gccgagtcct	tgcccggtcn	acnaaagagg	360
nc	actgcngc	tngagangct	ntggctactc	tnaanccaca	ngctggncct	atttgtacct	420
cag	gctgtgc	caa					433

<210> 677
 <211> 111
 <212> DNA
 <213> Mus musculus

aac	tgagatc	cggacatggg	ggcagtgttg	gaagtgatct	ccagtctgga	gagatacccc	60
atc	accaaag	aggcactgga	ggagacacgg	actaggggaag	ctcatcaatg	a	111

<210> 678
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

gac	tgagaga	ctgtgaatcc	tgcaggatga	ctgaatgaac	ccttgattca	cggacatgcc	60
gg	aggagttc	aacatgggca	cacacgactg	tcacagacgg	cagattcngn	tnctacttgn	120
ggg	ngnngaa	ganntagcct	ntctacangt	tncannnnga	tnnaaggag	nacntngntg	180
ntg	gcggaac	acctgacttc	caggcaacta	gggtgaggat	cttataccca	taccactgt	240
gac	acaacca	ttccaaccag	gtcacaccta	ttccaacaag	gccacacctc	cagatgggtgc	300
cac	tccctgg	tccaaggata	tacaaacat	cacattccac	tcctgggtcc	ccatagactt	360
gtt	caaaaac	atgagtctat	gggggcccata	cttaaaca	gcataatgca	aaatgcattt	420
agt	ccaactt	tcaaagtcct	catagtctat	agcagtcctc	aacaacatta	aaagtccaaa	480
gtt	caaaaaa	aaaaa					495

<210> 679
 <211> 423
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 679

gactgaggaa	gccagagcta	tgcagttctc	cagctcatcc	aggacatcag	atgagaatgt	60
ggactatattg	ttcaaggtca	tccttattgg	ggactccaac	gtggggaaga	catgtgtggt	120
tcagcatttc	aaatctggag	tctacagtga	gtcccagcag	aacaccattg	gggtggactt	180
caccgtgcgc	tccctcgaga	tagacggcaa	gaaagtgaag	ntgcnagggt	ncacacacgg	240
naggnccanga	gcncnccgn	accatnaccc	aaagctacta	cgggagtgcc	cacgcagcta	300
tcctcgggta	tgatctcaca	cggcggncca	cattnaaatc	tgtccctcac	tggatccacg	360
agatagaaaa	atatggggagc	tgccaactng	ntcatcatgc	tgatcgggaa	caaatcagac	420
ctg						423

<210> 680

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 680

taagagtgag	ctggtacaga	aagccaaact	ggctgagcag	gctgancgct	atgatgacat	60
ggctgagcta	tgaaggccnn	aacagancag	ggacacgaac	ttttccaatg	aagaagagga	120
attctactct	nttggtgcct	acaanaacgg	tggttaagggg	gccccg		166

<210> 681

<211> 206

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 681

tcgtacgctc	tcaaccagag	actatagcat	gtgctngnat	ctaccttgcn	ngtagagcac	60
ttcaaattcc	cttgccnact	cggncceant	ggntttcttct	gtttggnacc	acagaagagg	120
agattnagga	aataatgcat	agagacgctt	agactntata	ccatggaaaa	agcctaacta	180
tgaatgagct	ggaaaaggaa	gtagaa				206

<210> 682

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 682

aggccgaagg	actgaatntt	ccataataca	tncttaaaaac	cttcaagaat	ggttctagca	60
gatcttgga	gaaaataaca	tcagcattac	ngctcattga	gcantgccac	cattatcaat	120
gaagaggtat	ttaaatngct	attgctgaaa	gaaagtatgt	ccagcattta	ttggaagcag	180
atgttattat	taacntaggg	aagcacctca	gaaaaatggt	aaagcctggc	atttggttct	240
tgaaaanatg	gccttcnggg	ggggggccaa	aaaaaaa			277

<210> 683

<211> 151

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 683
cgcagttact cttttcatgt ataaagcagg gatgctgnat ctacctcaca cgggtactaa 60
aagcaaaaca cgggaatcca aagccctggg gcacatgccc gacatctgaa aagctggngg 120
tttctccac ctccttccg agtgcattgct g 151

<210> 684
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 684
gatggaagcg tccagactcc ggcagaaggc agaggagctg gtcaaggaca gcgagctgtc 60
accaccgaca tctgccccct ccttggtctc ctttgatgac ctggctgagc tcacaggaca 120
ggatacaaag gtccaggtag atcctgctac cagcactgcc gccaccacca ccgccaccgc 180
caccacggga aactccatgg agaagcccga gccagcctcc aaatctccgt ccaatggcgc 240
ctcctcggac tttgaagtgg tccctactga ggagcagaat tcacccgaaa ctggcagcca 300
ccctacgaac atgatggacc tggggccccc acccccagag gacaagcaac ctgaagctcc 360
acctgcagcg cctggagacc acccttagcg tgtgtgcaga ggagccagac cacaagccag 420
ctnttnaccc acctggggccg catggcctnt agtttaaaaa aggtggggccc c 471

<210> 685
<211> 217
<212> DNA
<213> Mus musculus

<400> 685
gactgaggaa aggcctggaa gaagaggcca ccaaacaacc caaccctctc tccagtcctt 60
tgatctactc gtcgcctgca tctggagacc caatggccca agcctactgg cagtgtctacc 120
cctggcttat tctcctctgt gcatgtgcct ggagctaccc agagcccaag taccttggaa 180
gggaagatgt gagaaactgt tcaaccagcc ctgagggc 217

<210> 686
<211> 168
<212> DNA
<213> Mus musculus

<400> 686
gactgaggct ccagccttcc cccagccctg gttgaaatcc tcagtgggta ttcattgaaga 60
cgcaccacc atgttttatg ggactcattg cattactagt gtaagataaa cctagttgta 120
ttcatttctt gtggctgatg taataaattt aaaacaacaa caaaaaaa 168

<210> 687
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 687
ccagcaccta aagaaggtcc tatgccagtt ntggcactta tgtagtgttt agaggcaggc 60
agcagggggc ctatngtcca tgtggacaca cacttcatcc aggctgncct actctcccgc 120
ccttgggctt ccttggcctn tgatganttn ggctgatggc caacacctca cagccatgag 180
accgagcaaa aagagactgg ggantttctc agctggcttt cgcccttcct canaggagtn 240
ggcccttggg accttgccct gaaagctggt gatcgctggn aacccaccca tncctcccca 300
anggccttna tgggcacggg cccatgatct tnacctgggt tnagccctga gcgccttgag 360
tgcccgggcg ncnggancta cctgggtttt agggaggatt cttggatg 408

<210> 688
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 688
acacagcacc tgcctttgag ggccgcncgg agatctgata atgcccctcaa ggctggntgn 60
ctatgctgnt gaaagctaata gaccatgagc tggtcaggc catnctgann gnagccagca 120
tcaccctgcc tcatggaacn ctttnnnaat gctatagacg agcnggccaa ccgcttataa 180
acctgcacca tctattgncc tgccccacc tnnntngaact tgctgctgca ncacacagga 240
ggagganagc ctgtatcctc ccnagccca cccctagtgn gcgcgcngaa ttcccactga 300
aagtgcgcct ctccacacag caaggacgng aggnntnaatg ccagcctgcc tgacaccggg 360
gggggcaact naagaggcag ctggcccagc cnggagggca tttgagcct tcctggcana 420
natgggtntt ttttgggaaa gctgcttaca ac 452

<210> 689
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 689
ataggagcag aatgttcagc agaggcctac atacnnaana ctctcgaggg aacaggcttg 60
ccatttcaca gttgatgaga gttctgtggc tgggaagaga gtcgacagta acgaaacagt 120
ctcgccatct tcaactgcctt catctgtgag aactgctggg cttaaagccc aaactggacc 180
cctcatgttt tggtcacagc aaaatatcac agaacagggt tactctgaca actctctgtc 240
cagagaactt acacttctgt ctgcctgcaa tgctgatagt tgtcagatgc caaaactcca 300
ctgccaccgt tcaccacccc ctttgccacc aaagaaatac tctacagcca gngcaccaag 360
gttagagaga gttggactta gccctgatgt cggggttacc gaggcgttta acactaatcc 420
ctccagcc 428

<210> 690
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 690
gaaagcttga ggcccttccc anctggcaaa aatgaagaaa cagatccacc ccgttcctcc 60
tcaggggngg gnnactttnt ctttancacc atttcccaca atgccaagcc acacgggncc 120
ccttgcctn atcccnacct tatgattctt tatecttggc ttgggaanaa cagccttcct 180

tttaagcctc	ccccaaagtc	ccctcttttg	aacccaaggt	ttnaagggng	gggggggntc	240
ctaaaangtn	tntccnaagc	ctcataaact	cttaatggaa	actcaggaac	ccttggattg	300
gacccc						306

<210> 691
 <211> 474
 <212> DNA
 <213> Mus musculus

<400> 691						
gtgtatgtgt	cttacaacta	tggaaaatca	ttcagtaaga	tttcagagaa	gctgaacttt	60
ggcgtgggca	acaacagcga	agctgtgatc	tcccagttct	accacagccc	tgccgacaac	120
aagaggtaca	tctttgtgga	tgcttaacgc	caataacctct	ggatcacgtt	tgacttctgc	180
agcactatcc	atggcttctc	catcccattc	cgggcggctg	atctcctcct	ccatagcaag	240
gcctccaacc	tcctcttggg	ctttgacagg	tctcacccca	acaagcagct	atggaagtca	300
gatgattttg	gccagacctg	gatcatgatt	caggaacacg	taaagtcctt	ctcttgggga	360
atcgacccct	atgatcagcc	aaacgctatc	tacattgagc	gacatgaacc	ctttgggttc	420
tccacagtgc	tccgcagtac	agacttcttc	cagtcgccgg	aaaaccacgc	cggg	474

<210> 692
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 692						
ggaagaaagc	tcgcacatth	gacttggagg	ccatgtttcga	gcaaactcga	aggacagcgg	60
tggaaagaag	ccggaaaaca	ctggaagcaa	gagaaaaaga	ggaagaaatg	aacagaaaca	120
aaaaaa						126

<210> 693
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 693						
agagaagcca	gccaaagaat	gtctcgtggt	attccagccg	attcttccca	cttccgatgg	60
gttaagccac	cgttactgat	tcgcattttg	tgtttgctat	tggaactgaac	ctgctgatat	120
cctgacatga	agcttagagt	cgatctaaag	aactacttct	aaacagggtcc	acaatgccct	180
tgtcctagta	accgtatctc	tcccctacct	ctggctcggg	ctctagaagg	gagattgatg	240
cattgnagaa	ccccaaataa	aataggcttt	ggaaaaaaaa	aaa		283

<210> 694
 <211> 434
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 694						
ccagggtccca	gtgataagaa	atcagaacta	ctgccagcta	agtggaaacag	caataaagaa	60
ctgtatgccc	tccggtatga	gtctaaggat	ggagccagaa	aactccttct	gaaagctgtc	120
tctgtggaga	acggcatgat	catcaacgtg	ctggaacttg	gcacacagca	ggtggcagac	180
ttgaccctga	acttagatga	ttatatgtat	gcagaagacc	tgagtgaact	ccacaggacc	240
tataagaaca	gtgaggagct	tcggtctcag	atcagatctg	gaattatcac	acctatccat	300
gagcagtggg	agaaggctcg	tgcaaacagt	cctccgaggg	agttcccacc	tgccactgcc	360

agagagnggg acccactcca gatttctctca caccgncctc atactancag gcagcctgct 420
 tggcgtgatc ccct 434

<210> 695
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 695
 ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg 60
 tggaaagaag ccggaaaaca ctggcggaac cagtatttgg aaggctgggc cagaggtggc 120
 tgtcaccatt gcttgttgac ccagacagta tagaacattg tgacacacac tgatgtggct 180
 gctgctgttg aatccctgct ttaatgagct gtaggagata cttaatgaag ccttacttcc 240
 agatggcttt tccagatggg tggcagttct aggaaccacc ttagggctctc cagagaacac 300
 tggcagtgng ctttttttgg ctctaactca gatctctctt gtactagagg acggtctgga 360
 gtctgggaac agctggattt aaatcaagtg ctgtgatagt acttg 405

<210> 696
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 696
 ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg 60
 tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaaa a 101

<210> 697
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 697
 gtcggatcat aaggcagcct tctgtcagtc tgctctgccc cttccctcga ggagcgcctt 60
 gcccttgcga ctttctctgc ctctggcttc ctgtgatagg tgggtgtcatt cccctccaac 120
 ctgagtgcctg gcaggtacac tgctggccac cagcagatgc ccatgaagat gctgacaatg 180
 aagatgctgg ccctgtgctt ggttcttgc aaatcagcct ggctcgagga acaggagaag 240
 gtgggttcag gaggcctgtg tttgaaggac tcccaccctt tccaggctgc ctctacacct 300
 caggtcactt gctggngngg ggggcctcat tgacccacag ngggtgctga cagctgccac 360
 tgcaaaaaac cgaatctgca gnggatcttg gggaaacaca aactacggca aacagagact 420
 tttcaaaggc aaa 433

<210> 698
 <211> 436
 <212> DNA
 <213> Mus musculus

<400> 698
 gtgggggtctt tcacccgtag ccgactcttc accttcccgt aaccgcgtct cttaccgggtg 60
 atggcggtga actgctggat taaccccttc agcgccgacg acgcccggga gcccccggtg 120
 gcagccatct taccgcccgc gccgcccgcg cggaacaaca acacagacac acacggggct 180
 cctccccca ctccgcgggc tgctgtgcgc aggcgcactg gcaggcccga agctccgccc 240
 tctccctgtc tgtgcgcgtt ttgcgcaggc gtactctccg cgagccgcgc ctttggtttg 300
 aagcctgtgc tgctggctgg tagctattct ttgaaacatt tgggtgccttc tctgaattcc 360

ggagatatcc	tcctaagtac	cgcattgaat	cccaacatcc	caaagaatct	tcggacctga	420
aataccaaac	tcttgg					436

<210> 699
 <211> 177
 <212> DNA
 <213> Mus musculus

<400> 699						
aatgggagct	gactgacatg	gtggtgtggg	ttactggagc	gtcaagtggc	attggcgagg	60
agctagcttt	ccagttatct	aaactcgggg	tctctctggt	gctgtcagcc	cgaagggcgc	120
aggagctgga	gcgggtgaag	agaagatgcc	tggaaaatgg	caatttataa	aaaaaaa	177

<210> 700
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 700						
gttaatcctg	ccatacgaaa	gatttattaa	gggagaagaa	gataagcctc	tgccgccaat	60
caaggcctcn	gcaaactnga	atgccctgcg	agccnaaat	gagantnaan	caaaagtctc	120
gggaaacana	cgtancngng	nggactacgc	ccccttttga	gnaagaaaaa	actggctaag	180
tccaagctga	attggcctcg	ctggccattt	aaatggcgcg	ccctcgagga	attnggatcc	240
ggcgcgccat	ttaaatggcc	gctatggcca	attcttttgg	tttttaccct	ggaagaaata	300
ctcataagcc	acctctgtta	tttaccacca	atcttcacaa	gaaaaactgt	aa	352

<210> 701
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 701						
gtttattgaa	aatatggcat	aacagattaa	acagctccac	gtggtgtttt	gaaattcatg	60
ccaactgtag	gctgagtgc	ctgaagggtta	gagagactgc	caaagtccag	gagcttcagc	120
atctccttgg	tgctcgggatc	cacctcaatg	atctcctgat	ctagggctga	gacctcagga	180
acgtagtatt	ctctcctctc	tctctcttct	tcctgcaact	tgatagagat	gcctctcaca	240
ggcctctctc	gaatccgctt	catcagatgc	gtgatatagc	cggctatctt	gttccgaagc	300
ttcttgctgg	ggatgatggc	gatctcctcg	cacacgcgct	tggttggtgg	gaaagcatta	360
cccagacgcg	tgtagtactt	ctagatgatg	accggggcag	ccttcttcac	ggtcttggtg	420
cgaaccagcc	tttt					434

<210> 702
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 702						
gcccgtggga	ttgacgtgca	acaagtgtcc	ttggttataa	actacgatct	acctaccaat	60
cgtgaaaact	atattcacag	gagtcgatag	cggcagttga	tgacgagatg	gcactcagaa	120
acggcggttg	cgtaatttag	gacgtggaan	cataagcgaa	acagcacact	gtttgaacaa	180
agagcgagtc	gaattggcag	agggggctga	tttgggagga	aaggtgtggc	tataaacttt	240
gttactgaag	aagacaagag	gattcttcgt	gacattgaga	ctttctacaa	tactacagtg	300
gaggaaatgc	ccatgaatgt	ggctgacctt	atttaatccc	tgggatgaga	tagttttgaa	360

tgc

363

<210> 703
<211> 333
<212> DNA
<213> Mus musculus

<400> 703
atgatttcct gctaaatggg agcctgggac tgggagggct cctcctcctg cttgtcatca 60
tcctgttcat ctgcttgtgc cggttcagcc agagagtgaag gagactggaa aggaatgccc 120
aggtctcagg gcaggagccc cactatgcat ctctccagca gctgccagtg tccagtagtg 180
atatcacaga catgaaagaa gacctcagca ctgactatgc ctgcatcgcc aggagcacac 240
ccacttgagt gcccccaaaa gctctcctcg ccctgggtgc gtgctcagtc acactatggt 300
catctagtaa agtctgggtc cccacttctg aaa 333

<210> 704
<211> 528
<212> DNA
<213> Mus musculus

<400> 704
agtttgtgag aagcttctat aatgggtctgc ttgggtctctg tcagagctgc ctatgagcac 60
atctacctgg tgaggaaggt cagtcatgcc tgcagatgcc atcaacatcg ggcttggagc 120
tcaaagccag ctgcatcaca gtctgctgtc caggggtgctc caggcagtggt gctggagata 180
cttggtaaat cctaccctca ggatgaccac actaacctca cccagaaggt cctttccaag 240
gtgggcagga acctgcacaa ccagaagttc caccctctgt ggctgattaa ggagcgggtg 300
aaggagcact tctaccagca gtatatggtg cgatccagga cacctctatt ctccgtctat 360
gaccagcttc ctccagtggt caccacctgg cagaactttg atagcctgct aatcccagct 420
gaccaccca gcaggaaaaa gggggacac tattacttga atcgggcaca catgctgaga 480
gcacacacat cagcgcacat agtgggactt gctgcatgcg ggacttaa 528

<210> 705
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 705
ggccaagctc agacattacg gagcccagag ccagaggcga tggagctgag ccaccgacaa 60
ggtacaacca cgttgacaag gacacacccg aacgacaagg agggccagca ggacatgaac 120
tccttcagag ctaaccatag ctcccttgga aactccaaat ttaagtacca tgcaaggctc 180
tcccagagcc ccttaggcag ctccctgggc cagggctacc tggagactcc acctctacca 240
ccaactccta cctgcaggac ttctctgnct atgaactccc atcctgagga cctgaagaag 300
gggcatccag atccagctcg agagatgcca gggagacctt ccgagaggga tgtgtcgggg 360
gaggaaggnc aagacttcag gtcccaaaac aaangacagg ggcctttgac caagaaggac 420
agggctentt ttgaaacatc cgcacaaaan ttgggagcaa gatgggggac caactgatct 480
ttgaggatna gctcgacagg ccattggtga aaa 513

<210> 706
<211> 518
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 706

aaaactagaa	aagagaagac	aaaatcaaag	accgaagaag	caacagaagg	aatggaagag	60
gccgtttcct	ccaaagcaaa	gaaaacaaac	aagaaagggc	cttctgagga	tgatgtggat	120
ccccctaaat	ccaggaaggc	caagaagcag	gaggaggagc	ctcaagacga	cactgcttct	180
acaagcaaaa	cctccaagaa	gaaaaaggag	ccccttgaga	agcaagcaga	ctctgaaacc	240
aaagagataa	taacagagga	gccttccgaa	gaagaggcag	acatgcctaa	gcccagaag	300
atgaagaaag	ggaaagaagc	aaacggagat	gccggagaga	aaagcccca	gctgaagaat	360
ggactctccc	aaccttccga	agaagaggca	gacattccta	agcccaagaa	gatgaagaan	420
gggaaagaag	caaacggaga	tgcttgagaa	gaaaagcccc	aagctggaag	aatggactnt	480
cccaaccttc	cgaagaaaaa	ggtagacatt	cctaagcc			518

<210> 707
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 707						
tgccccccca	ggagacaaaag	agcctcatga	aggettccta	cacgcccagag	gtgatagaga	60
agtccggtgag	ggatgtggaa	cactggcacg	ggaggaagac	ggatgaccta	ggccggtggc	120
accggaagaa	tgctatgaac	atgaacttgc	agaaagcgct	ggaagagaaa	tacggagaga	180
agagcagatc	caaggccaag	tagttgaaag	gacattggga	ggaagcttga	gaatgttgcc	240
aataaagaaa	taaaggctgt	ggtctgcaaa	aaaaaaaa			278

<210> 708
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 708						
tgctgaagac	agcgcagaat	caccccatgg	taagcactct	gggccacctc	ccttcatgtg	60
cccacagctc	agtcttttgc	agttcatgat	tgaaggcctg	gcaagatggc	tcagtgggta	120
aagggtgctt	ctgccaagcc	gaaggacctg	agttcaatcc	ccaggaccca	tgtgatgatg	180
gaggggttca	tgacttccct	gaagtgtgtc	tctgccctgt	ctgcacacag	acagaatggc	240
aatgcaata	caaaggaaaa	cgttcacaaa	gaaatctata	gccggcatgg	tgggtgcacgc	300
ctttaatccc	cgcacttggg	aggcagaggc	agcgaatttc	tgagtctcag	gccagcctgg	360
tctacaaagt	gagtgccagg	acagccaggg	ctacacagag	aaaccctgtc	tcaaaaaaaaa	420
aaa						423

<210> 709
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 709						
cttgttacct	aaaacccccg	gcagaggagg	agaggagant	agcagcggag	gaaaagaaga	60
gacangggng	ggggggncaa	tttngtttgg	atttgacggg	gcgcncannn	tgacanaann	120
gncaagtgg	gcgtcagcga	gcttgctttt	ctctagtcgt	tgagaacgaa	taaagcttca	180
ttgtgcgaaa	aaaaaaaa					198

<210> 710
 <211> 277
 <212> DNA
 <213> Mus musculus

<400> 710						
gtgtataggt	gtgaaccaag	tgcacgtcta	gttcccttgg	aggccagaaa	gaaggcgggtg	60
tcagatcccc	aggaaccata	gttacagatg	gttgtgtagt	ctccccctcc	ccagcctgaa	120
tcttgcttgc	tcaggggtgg	agcttccccg	tcaatcggtc	agccatgccc	actgctggaa	180
gctgccgctt	tgctgttcgg	agccggagcc	gtacacgtgg	tcaccctgct	attggacccc	240

aagactaatt ggcgggaatc ggcccccttc cctgctt

277

<210> 711
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 711
gtgtataagg tgtgaaccaa gtgcacgtct agttcccttg gaggccagaa agaaggcggt 60
gtcagatccc caggaaccat agttacagat gggtgtctcc tgtagctcaa cctggcctgg 120
aattctctat gtagctgcaa gtgaccctga ccttctgagt cttctctacc ttccagtgtg 180
gtctcccctc ccccagcctg aatcctgctt gctcaggggt ggagcttccc gctcaatcgt 240
tcagccatgc ccactgcngg aagctgccgc tttgctgttc ggagccggag ccgtacacgt 300
ggtcaccctg ctattggacc ccaagactaa ttggcgggaa tcgggcccct tcccctgctt 360
tataattgcg tgtggaacag taaaattgag ctttgatcag aaaaaaaaaa 410

<210> 712
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 712
gggtggttaag ggtggtggaa acccangtgc cncgtcttaa gtttcccttt gggaaggccc 60
agaaaagaaa ggcgggnggt caagaatccc ccaggaaacc cataagttta ccagnatggg 120
ttggatgttt taaaccctca agacagggat gggggcttgg gggcttgggc caacaacttg 180
ctcaacattc ttctgagtct gacgggctgg tggagtgtga gcgtggctcc taaatttctt 240
gggtaggact gaagaagcac ttttaagatg tggaaactca gagaggatgc cactgttttg 300
aactattttg aaggcacagc caccagagct ttaggtcaga agaggtcctt ggaactggaa 360
ttacaggtgg ctgtgagcct ccaggacag ggtattttat cacagcaaca gaaatgaaac 420
caaaacaact ccacaataaa attcttgggt ttcttggggc caagaagatg acacgataag 480
gataaagaca ctggccaagc atgaccttca gagtttggcc c 521

<210> 713
<211> 508
<212> DNA
<213> Mus musculus

<400> 713
attgactcgt ggtgcaaaga caacagctat gtgatcgctg gctattacca agctaattgag 60
cgtgtgaagg atgccagccc aaaccagggt gcagaaaagg tggcctccag gatcgagag 120
ggcttcggtg atgccgcact catcatggtg gacaatgcc aagttcacgat ggactgcgca 180
gcgcccacga tccacgtgta cgagcagcac gagaacaggt ggcggtgcag agaccacac 240
cacgactact gtgaagattg gccggaggca cagaggatct cagcttccact cctggacagc 300
cgctcctacg aaacactcgt ggattttgat aatcatcttg acgacattcg gagcgactgg 360
acaaacccgg agatcaacaa agcagttctg cacctgtgct agacaaggac cactactacg 420
cgaagacgga agcatatttt tacatttata gaggaatagt aggttagccg gaagggaagc 480
tgcaagtgtg ccttgagggg ggtgcccg 508

<210> 714
<211> 532
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 714
 gactgaggaa tagaagacat cttaagtagg ggctcaagag ctggatagcg tcatcaagca 60
 aggggtacctg gagaagaaaa gcanagatca tagcttcttt gggtcggagt ggcagaagcg 120
 ctgggtgtgtt atcagcagag ggctcttcct ctactatgct aatgagaaaa gcangcagcc 180
 caaagggacc ttcttcatta agggctacag tgctccggatg gcccctcacc tgcgaaaaga 240
 ttccaagaaa gaatcctgct ttgaactgat ctcccaggat aggcgcagct atgagtttac 300
 agentctagt ncagctgaag ccagagactg ggtggatcaa ataagtttct tgttaaaaga 360
 tcttagctcc ttaaccattc ccttcgaaga ggaggaggag gaagaggagg aagaagagaa 420
 agaagaggaa naaatgnaca atgacgtcga tggctttgac tccccaaggt ctggctccca 480
 gtgcagagcc atggccttgc ctgagcctac tgagaaagag gaggacattt at 532

<210> 715
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 715
 gcttctgcaa agagagtccc agccttgcca cgaggcggaa gtgactgagc tgccacatcc 60
 ttcanngtgg agacatccag aagacagaca acttggccag agggaaatga aggtgaagag 120
 aagccgagga gattggaatc tagtgccgaa tttgcatccg atgccgagcc taggangtca 180
 nagaagacct agggtagaaa agaggaagna gcaaagggga agntcttcct tctgateccc 240
 tctattaggt ggaggacctc gngngngaga cctccgcctt ctgctctgta tgcctgcact 300
 tgantaccat aagggggagc cctacc 326

<210> 716
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 716
 gccgcccgtg cgtggattgc cagcatttgc aattcatgca gcgcgcctt caggacctac 60
 ggaaaaccgc ctacagcctg gacgcacgga cggagacctt cctgctgcag gctgagcgcc 120
 gggctctgtg tgcttgcctg ccagctggac gctgaagatc tttggccagt gatattcctt 180
 gtcaataaat gcttgcctagc aaaaaaaaaa 210

<210> 717
 <211> 495
 <212> DNA
 <213> Mus musculus

<400> 717
 aaaagcttca ctggcctgaa catgaacttg ctaagaagtt tgttctaaat gcagaagagg 60
 cattgatcac tgacagcaaa agaagctttt cgagtttgtc ctctgggatt ctcaaggaca 120
 ctttcacaaac tggaaccagt agttacaatg ttctactaca gagcaaggag gagaaaaagc 180
 accgttcaca aaagcgggtt ttctctgcca gctccaaaca acataggaag cccagcaaata 240
 ctctagctc ctctcatagc aaagatccta gcaggatgac agccctgggt cctgggacag 300
 ggcctggcac ttggtactgc ctagacgggc agtctgctgt ttttgttact agctcagtac 360
 caagtccctgt aaaggtcacc cgtgatattt ctattacagg aagcggccta gcactgccac 420
 ctaaaccaaa tagcaagggc aaacgacgca acctgacctg gcttccaaag ccaaagcaac 480
 agcctcagct gtgta 495

<210> 718
 <211> 147

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 718
atgagaagac gagaacaaag aaagttgata atgaactcaa ccctgtctgg aatgagattt 60
tggaatttga cttgaggggg ataccactgg actctttcat ctttccatgg tggattgttg 120
tcaanagatt ttgagacaat tggacca 147

<210> 719
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 719
gctctgggtg ctctaggatg agcgctacac atctgtggct tttgggtata aagactgtgc 60
ggcttattac caagccgcaa gcccagaac caaggtagat gccatccaca cccctgttct 120
ctgcctcaat gcagcagatg accccttctc cccagtcctat gccttccctc tgcaggctgc 180
ccagaagtct ccctatgtgg ccctgtctcat cacaagctcg ggggtggccac attggcttcc 240
tggaaggggc tgatgccctg gcaacactgn tacatgaacc ggggactaaa ttaatatgcc 300
caa 303

<210> 720
<211> 391
<212> DNA
<213> Mus musculus

<400> 720
gtgttttgtc tgcattgtatg tcagtgtctc acaggcatgc ttgggtgccta cggaggccag 60
aagaggacat cagggtcccct gtgagttaca gatagctgcg agctgccacg tgggtactta 120
gaattgaact cagggtcccct ggaagaacag ccaatgtctg tgacttgggtc ttgcctcacc 180
acctgtcttt cctcagtcctc tgagtgttgc cttagcaaaa ctccacgtgc gtctttatct 240
gacatcggtc tatcggtcag agtcttttga agaggcaaga agccgcagga atctctccat 300
ttatttctct ctatgagtct tgaccattgg agctcaacaa cgcattgtaa gtgaaccaat 360
acatgtgtgt cattatcgaa gaagaaaaaa a 391

<210> 721
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 721
gtaaaatatg aagttacaga ggatgtatat acttccagga aaaaacaaca ccagaccatg 60
atgcattatt tttgtgcact aaatactctt cagtacaaga agaaaatagc tttgttagaa 120
cctctactgg gatacatgca ggctcagata agtttcttta agatgggttc tgaaaatctc 180
aatggacaac tggnagaatt cttagctaac attggaacaa gtgtacagaa tgttcgaaga 240
gaaatggatg gtgatgtaga gaccatgcag cagacaatag aagacttggg ggtagccagt 300
gaccctttat atctgcctga cccggatccc accaagtttc ccatcaatcg aaatttaacc 360
cgaaaggctg gatacctaaa tgctaggaaa tcttcaatat tgcaagcaga gagtaaaaag 420

gaccatgaag agtggatctg tacaataaac aacatatcta aacaaatata tttgagtga	480
aatccagagg aaactgctgc acgagtgaat caagtctgct ctaga	525

<210> 722
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 722	
atatttatcat gtgggcatcc tgctgcaact ggttctgctt ggatggacag cctgnggagg	60
caccaccacc acagggagcc aggacacaag cctattccaa ccctgggtac agctccttcc	120
cttccccgc aggcctcgaa cctagctgca aggcctgcgg ggtccatttc gcaagcaca	180
cccggaaagca gacctgcttg gactgnaaga aaaacttctg catgacttgn tcgagccaag	240
aggggaatgg gccacgcctc tgccttctct gcctacggtt ccgagccacg gccttccagc	300
gggaggagct catgaagatg aagg	324

<210> 723
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 723	
cctacaagga gaagatgaag gagttatctg ngctgncgct catttgetcc tgcttntact	60
ntcancctca cccgacacca tntacnagca tggcaanntg ganntaacca ngctgaacnt	120
gntcaaaaagg tgggnactac ccaccttttg agcaagtcca gcctgggttaa gtccaagctg	180
aattggcctc gctggccatt taaatggcgc gccctcgagg aattcggatn cggcgcgcca	240
tttaaatggc cgtatttggc caattttttt gctttttacc ctggaangaa atacttcnat	300
aagcncctnt gntattttanc cccaatcttc acaagaaaaa ctgtaatctg tc	352

<210> 724
 <211> 288
 <212> DNA
 <213> Mus musculus

<400> 724	
aatccagcaa ctatcacgag aatactcctt agccacttca attgggataa agagaagcta	60
atggaaagggt actttgatgg aaacctggag aagctctttg ctgagtgtca tgtaattaat	120
ccaagtaaaa agtctcgaac tcgccagatg aatacaaggt catcggcaca ggatatgccg	180
tgtcagatct gctacttgaa ctaccctaac tcgtatttta ctggccttga atgtggacat	240
aagttttgta tgcagtgctg gagtgaatat ttaactacaa aaaaaaaaa	288

<210> 725
 <211> 108
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

<400> 725	
ccggctggac cccattatc cngggggggg gggatcgaaa cttgggcaan ggaggctcca	60

ccccctccca ntgatcttct gctccncatn ccggaactct acccgtct

108

<210> 726
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 726
gtgacgggtgt tcgagtgacc atgncatagc gccttgactg cccgacaccn ngtaggggtg 60
caggactttg tcttgetgga gaatttncca gnagaggctg ccttcattga gaacctccgc 120
cggcggttnn gggagaacct catttatacc tacatcggtc ctgncctact ntngnncaa 180
tccctaccga gacctacaga tctacngccc ggcattctat ttnaacgggn nncgtgntag 240
nnagtannnt angacngtnc canctcatt tngttngcac nggcttgaca ctgtataccg 300
ggcacttctg actgagcagt cgagnacccg gcagtgatga ttntctgggn ngagagcggg 360
ggcaaggcaa gacagaggca cacaagaagg gagggnaaga ctttgccna gtanganaga 420
cttgaagcaa atcctaaagt gaagccccgc ccttcag 457

<210> 727
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 727
gaactgagga ggctgtgcat aggtgttctg cagaccatga actgatcact agtccccaga 60
cattcatgag cacagtgtga ggctcctgac ccacntccaa gntctctnng nntctntga 120
ctaagenacc tccngngnt acnnetanan gccacgatnc naatcctgcc ntntngttac 180
tgnntttgcn aatagagacc ttccacatgt nagagggtga accngacaan aaacggctnc 240
gancggagtg ggnngatcga tatggaantg agatnctatt ttntcaaan actatngcaa 300
nantgntcga ctnagnccgc cccggactgg gacaangtgc ntgctcaagt acacccgagt 360
acaacgagcc acaacgagag ccgcaccaa tgctgacatc atcgagacc tgaggggaaga 420
agggttttca acgggctgtg acagcccaga gccggatggg gaggactcac tggaatta 478

<210> 728
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 728
ggagatgtct gcttgnccat gactggctgn cttegnggac tgaggntcat acgtgccngn 60
aaacaatcct aangctgccg tncctannaa tcacatccca ngctagactn gacntcana 120
cctgtnaacc canacgggcc anaaacaagc tlaccagtna gtttggtctc aggancaggn 180
gtgtgagccc ttgngctgg ggctattgga ttggcctacc tacatcctca acagtctcca 240
ctctgcctga atgacctga gggatcaga aagccctaca ctgttggtac ctgggcccc 300
acatactgtg aacggaaatg ggccttcttt cttttcctat aggttatattg ctggcagttc 360
tattaaactt gtttctaaga gaaaaaaaa 389

<210> 729
<211> 337

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 729
gaactgaggt cgtctgtatn acaacataaa cttccagcga aaatcagttg tgggatttgt 60
ggagctgact atatttccca cagttgccaa cttgaataga attagttga acagtaaaca 120
gtgtagaata taccgagtcg ggatcaatga cttggaggcc cgcttttatt tataatgac 180
caaccttaga agtttgtcac agtgaatcga aacagtaagt tgggcacgtt aagaagctgc 240
tgtttgtacg tcattcctgc actgttttca gagattgttt ttcaacaaac tttcccatc 300
ttattgtaat aaagctatgt gttgtataaa aaaaaaa 337

<210> 730
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 730
gaactgagga ccttggcacc atggttacct tgaaccgata tgcaacgtga cctcaaggat 60
ccagctactg gctgcatcaa gcanactgct nnntcctgct ncaagatgga atgaancnac 120
tnttctgntt atgaanagaa ncctgnntga ggcnaacgaa cntttgannc actgcaccgc 180
ctnncagncg ctccanacca ctcatntcan naagctcagc tttttntac tccaggntta 240
angcagcatt ancacttcat tnnatttctg cttttggaaa agcagtgatn agatgaacat 300
ttgatctttn ctgtttatca tcantnttt actttggagg ananagcttg gaagataagc 360
ca 362

<210> 731
<211> 434
<212> DNA
<213> Mus musculus

<400> 731
gaattgaggg tgcttctggg acaacggcca cctgtaccgg gaggaccagc cctcgcccgc 60
gcccgggtctc cgctgctca actggttggc cgcgcaaggc agccgcgagt cgctcaccga 120
gcccagccccg ggcaaccaca actactgccg gaacccggac caggaccgcg gccggccctg 180
gtgctacatc agcagcgaga ccggcgctccc tgaaaagcgg ccctgcgagg acgtgagttg 240
cccagagacc acttcccaag caccaccgcc atcctctgcc atggagctgg aagagaagtc 300
tggtgcacca ggtgacaaac aggcacaggt gtccctcct gctaacgcc taccagccag 360
gagtgaggca gccgaggtgc agccagtgat cgggatcagt cagcttgtga ggatgaactc 420
caaggaaaaa aaaa 434

<210> 732
<211> 515
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 732
gaactgaggt gcgatgcctc tgccctctggc gttgtgaggc cacttgcgag tatttgaaat 60
gctgggttaat tccggactga gtggactcac ctgtgacctg gaaagggggc tgaatgagcc 120

gntgctgaac	gccccctgagc	agetcttnca	tctccttctg	gatgttgcag	acgacctcct	180
ccatcaaccc	tacatcagct	atcccccttc	agaacatcaa	agtgtcctct	ggcacaaacc	240
ggatgagaca	gaagggggagc	agacacatta	cccagaaacc	tcagcacatg	gctacaacgt	300
tcatttccat	tccaaaggat	tctgtgttaa	aacatgaaag	actggctgct	tccacaagtt	360
ggacggttgc	tgggggtgag	aggagatgat	cccagttaca	tcagtgetca	tgtttatgag	420
gaaaaccagc	agaggtaaca	aaggggtcta	taaccctgag	ctgtacggga	aagtacctga	480
aatctcttca	gactctttct	ttataccctc	ctctg			515

<210> 733
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 733						
gaactgagag	ttctgatggg	cagtccacag	naagacggcc	ttgcgtctgt	gggtggttga	60
gactccattc	taaagatata	aaaagtga	gagnggaagg	ccacctntct	acctcaatac	120
gancattat	ttgttcta	ga				142

<210> 734
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 734						
gactgagacc	tcctcaaaga	aggcatgctg	accaaacaga	acaactcggt	ccagcgatcc	60
aagaggaggt	actttaagct	tcgagggcga	acactttact	atgctaaaac	tgcaaagtcg	120
attatatattg	atgaggtaga	cctgactgat	gccagcgtag	cagaatccag	caccaaaaat	180
gtcaacaaca	gttttaacngg	tcatcactcc	atgtaggaag	ctcatcttgn	gtgccgacaa	240
caggaaagaa	atggaagatt	ggattgcagc	actcaagact	gtccagaaca	aagagcattt	300
tgagggttaaa	aganangcat	atntgtctat	gggagcctgc	tgangnctct	cctgccttca	360
ttctgatcca	ccccaccaa	ctccaccctt	cacccccaga	gtattcttcc	ccaggggacc	420
ccagnatntg	tcctngtaaa	atngagnncc	catggcttct	ttcttttgat	aggac	475

<210> 735
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 735						
gaactgaggt	tcgtcttggc	accagaacaa	ggcactgcaa	catcaggcct	ttgccctaaa	60
cagctcacga	tgccaggaac	tgcccaatta	ctactttggc	ttcagtggat	ggtcgaaaag	120
gatcatcaag						130

<210> 736
 <211> 365
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 736
gaactgaggt gcaggngtcc ggggcaggcc cgggacaagt cctacttact gccaccacag 60
nccaccaagc agttcctcat cteccctccc gcctcacccc ccgtgggggtg gaagcagagt 120
gaagatgcaa tgccagtgat caactatgac ctgctctgcg ctgtctccaa gctgggccc 180
gnatngnga gatgaaggca cacaatttat natttgatnc naatgtcang tgtactgngg 240
nntgaganca tngcttnnan tgaaagagga gcgacagann gcaagaatgt gacccgnagg 300
acactngnga ttacctntaa caaacgttga tgtttgaaac taataaagaa ttggtgcttt 360
ttaag 365

<210> 737
<211> 415
<212> DNA
<213> Mus musculus

<400> 737
gaactgaggt aaatttgcta tgctagatta cactccttca aatgtcccgc tgggtgaatac 60
tgggtctaaag acgtctgttg caagaactgt tctgcaggta catttgtcaa ggcgccctgc 120
gaaatcccc atactcaagg acaatgtgag aagtgtcacc caggaacatt cacagagaaa 180
gataattacc tggatgcttg tatactttgc tccacctgtg ataaagatca ggaaatgggtg 240
gcccactgct cagccaccag tgaccggaaa tgccagtgcc gaacaggtct ttactactat 300
gacccaaaat ttccagaatc gtgccgccc tgtaccaagt gtccccaagg aatccctgtc 360
ctccaggaat gcaactccac agctaacact gtgtgcagtt catctgtttc aaaaa 415

<210> 738
<211> 524
<212> DNA
<213> Mus musculus

<400> 738
gaactgagga tctcatctgg cggtcgggta ctggaagaag cgagggggag agcgcaccgt 60
tgcagagaga cggcaagaga aaagggagac tgagagtcgc gccacgcggg cgccccaaga 120
cccaggagga gccgcagca gttagggtgt gctgggaatt cteccctccc ttttgctcca 180
caatgccttg gtgagcggtc acggcgaccg agctactggt ggaagaattg gggctgagat 240
gtcgcggcgg gtggccgcag atgggggatgc tggagaagga aggagttcac ctcaagttcg 300
caatctgtgt cggaaagctg gtccggcctg ggagggcggt tcgagcaccg gccgcttcg 360
gatctgggtg actgatcggc tttaaacact tcccttagat acccctcccc attccctgtt 420
gcgttccttc tgtcctgcgc caaccgcctt gctaaaacag ctgagtgggc aagctgacaa 480
taaaatctca tgcttttgcg gtgaggggca ggggtcatga ctca 524

<210> 739
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 739
ggctcagtgg ataaaggcac ttgctgccaa gtttattgat ganaangang angnngnnac 60
cnacgtanan acagcncca gactcacttn tgcnnctta ntgacctgta cgtgcatgct 120
gggacnact gtacacnctc acacnaatgg acnngacca agatgncaca cncangngg 180
ggganannaa tacacngatt cacngagnca taatagggtgt cttgcgtact nnntgnncac 240
ancatggnag gaangacagc catgctcctg gcaactgcaga ggccagatgt tgtggaacga 300
ttggttggtg tanacataag cccggtagga accacacctg gatcacacat tggagccttc 360
atagcagcca tgaaggctgt tgagatccca gagaagggtgc cgcactccca agcccgaaaa 420
c'ggcgata agcagctta 439

<210> 740
<211> 253
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 740
aggcacaagg gatggaccac caccngctca gccgaccacg ggagagagtg ctgctctcct      60
atctctcccc atagagaaaa caacaggtnnt nttcaagcca gtgncaccga gctccactga      120
ntgtacaggc agcagctaca gccaaaagca ggccactcac ggggaagtccc ttacagaacc      180
tgntcaggtc acccaggcta agatactaaa tatctttcaa attacacata ttcttgaggt      240
aaaaaataaa caa                                     253

<210> 741
<211> 136
<212> DNA
<213> Mus musculus

<400> 741
agaggagagc cagcacgcac catggcaccg gccggacaca tcctcacctt gctgctctgg      60
ggtcacctgc tggaactctg gaccccaggt cactccgcga acccctccta ccccaggcta      120
cgctgtcac ataaag                                     136

<210> 742
<211> 512
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 742
cggacagaac tggactttca cgtttgactt ctcttttttg agccaagaag aggatctggn      60
atgggcngga gctncggntg cagctgccgg gcccacatgga catacccact gagggcccac      120
tcaccattga cattttccac caggccaagg gggatccaga gcagggaccc cgctgactgc      180
ctggagcgca tttggatgga gacgttcacc gtcattnctt ctcaggtcac gtttgccctca      240
ggcagcacag tcctggaggt gaccaagcca ctctccaagt ggctaaagga ccccagggca      300
ctggaaaagc aggtgtccag tcgagcagaa aagttgttgg catcagccct acaccccacc      360
tgtacctgtc gccagcacca atgtgtctcat gctctactcc aaccggcctc aggagcagag      420
gcagctaggg ggcgccactt tgctttggga agctgagagc tcctggcggc cccaggaggg      480
acagctgtct gtagagaggg gcggatgggg ca                                     512

<210> 743
<211> 487
<212> DNA
<213> Mus musculus

<400> 743
gaactgagtt cctgaagaat tcatgtacaa ccctttaacc agagtttatg gagaacctca      60
caaaagacct gaagtccaga atgctactat tgagtttatg gctccttcag aatacatggt      120
acgaccacca caacctccag tgtacctctt tgtatttgat gtatctcaca acgcaataga      180
aactggatac ttgaattcag tttgccagag tttgttagac aatctggatc tgcttcctgg      240
caacactagg acaaaaatcg gtttcataac atttgatagc actatccatt tctacagtct      300
tcagggaagg ctctcccagc ctcagatgct aatagtttca gatattgacg gtatgtgtta      360
tactcaaact cactcaactt cctggagaat tgccctttc agaaatgttt cctgaggtct      420
ttgatgtgtc aggaatgtgt gacatgactc tagtataata aagagaaatc atttggaaaa      480
aaaaaaa                                     487

<210> 744
<211> 359
<212> DNA
<213> Mus musculus

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<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 744
 gtgagccacc actctnagnt cctgccgccc tcattgngac cttgggtcct cagencatgc 60
 tgcacttgt gactacagac ttcccagctc tagaactacn tgctaagnct gagngcccgc 120
 agacagatct naagagggca tcagatcact tggaaactgg agttnaagac agctgtgagt 180
 cncatggag atgcngggaa tggnaactag gccttctgtg agagcngcag nntggcatag 240
 ccgcctctcc accncagagt tttaaacata nataccctac cgattcncaa ctgencctgt 300
 cgtgcaagtg tgcagtcctc tagntcgctg tttctacttc ccttttaag aaaaaataa 359

<210> 745
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 745
 tctcaaagtc ataatectca cactccaact tgtattaacc caggctccca tttgctgaag 60
 taaaagtact gagttttcca cttaccagta cttttgagta ctgtagcaag tggctgggtc 120
 ccattaaaaa 130

<210> 746
 <211> 349
 <212> DNA
 <213> Mus musculus

<400> 746
 gaactgagaa aaatatatttg acaaaagaag agactactta aaattcaagg aaaaatttga 60
 agcaggagga ttccagtctt cacagtcgac ctgaaaattc ctaggctctt tctggacttt 120
 cacacaagtg gaatttactc ctctggactt gcagaaatga ttccaggaca aaagcagctt 180
 gagtcacagt gtgtatcagc acttggttctc tgtaaacaag agttactaaa ttgttggaat 240
 agcaaaagat ctcatcatcc aaactatgaa ggactgcctt aattaaagtg agggatctat 300
 tctaagaaaa agcataaaat cattatataa aaagtttatt ataaaaata 349

<210> 747
 <211> 215
 <212> DNA
 <213> Mus musculus

<400> 747
 gactgagaga agctgatggc ccagggcctc taaccxaaagt ggtagaagaa tcaaagcttt 60
 caaaagaaaa tcaggcaaaa gcaaaggaaat ccgacttctc agacactctg agtccaagca 120
 aggaaaaaag cagcgacgac actacagacg cccagatgga tgagcaagac ctaaataaac 180
 cccttgctaa ggtgtctcta ttaaaaggta tttta 215

<210> 748
 <211> 454
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = A,T,C or G

<400> 748
 actgagtttt gtggctaagc ccagactgct tgagtgaaac agccttcagg gacgttccat 60
 tctttctgtt atcccagtgc ttacaaccca aaaacaaaat tggattgcca caagtcggcc 120
 actggctgag gaagtgcact cggnccttga cacaaatgca tcagtcagga gaaagagcca 180
 gcttctcagg tgtcttcaga gaaggccaga ctgacagctg cggtcacca ttgcagtgtc 240
 agcagcnatt tcatggactg gaagtgtctg ttggtacttg atccagaaaa ctgtttctca 300

atctcttaag	aggtganggc	nggatcntga	nctntaanaa	ccataaaggc	ttccgtgcat	360
atangtgacc	cacaagagct	ggataaactg	cacctgagca	gaagtgcagg	actcccttgg	420
nggctctgnt	ttanataaga	aagtgtattt	tttg			454

<210> 749
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 749						
aacattgcc	tcgtgaagcc	aggcaaaaag	ggacagccag	ccgttatcat	ggcagtggat	60
cctcgatacc	ggggcagagt	gagcatctct	gagtccagct	actccctgca	tattagcaat	120
ctgacctggg	aagactcagg	gctttacaac	gcccgaagtca	acttgaagac	atctgagtcc	180
cacatcacga	agtcttacca	tctccgtgtc	taccggaggc	tgtnaaagcc	ccacatcact	240
g						241

<210> 750
 <211> 466
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 750						
gaactgaggt	tttgtgtgga	cagtaatgac	cgcacgtttc	cgattgcctg	ctggcagaac	60
ctacaatgtc	cgagcatcag	agttggcccc	agacagacag	catacagagg	tcgtttgcaa	120
cattcttctt	ctggataaca	ctgtacaggc	tttcagagtt	aacaaacatg	atcaggggca	180
agttctgttg	gatatagtct	tcaagcatct	tgatttgact	gagcgagact	attttggttt	240
acagttggct	gacgattcca	cagataaccc	aaggtggctg	gatccaaaca	aaccaataag	300
gaagcagcta	aagagaggat	caccttaca	tttgaacttt	agagtcaa	tctttgtaag	360
tgaccccaac	aagttacaag	aagagtatac	aaggttggtt	tatggaacta	tttctttnga	420
aaacattatc	ggagatctaa	tatgaaaaat	aaaattaact	aggcca		466

<210> 751
 <211> 504
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(504)
 <223> n = A,T,C or G

<400> 751						
gactgaggca	ttgccttttg	gcactcgggg	agnaagatgc	agcaggttcc	gtctcagaag	60
taatggctgg	atccctgaaa	gccaacgggc	tcgggtgtgg	ccaccctgca	gaaggcatag	120
gtagatggtg	ggcatctgcc	tcagacatag	ttctcaagtt	cagccagaag	aatgcagcgt	180
tgagccctct	gcagcccgtg	tcgacggagg	tggtgtctcc	aggaagcatc	atggaaaggc	240
gtgggtggtg	acaagggcct	tcaggatgcc	tgcgcctggt	gacgntgcg	cctcaggttc	300
tgggcctgac	tcggaagggt	gcctgtgagc	agaagagctg	gcacgcgcag	ctcagtggac	360
catcagtgcc	aaccctgctt	gtaccctggc	tgaggggtgt	gctaannggc	anattcctgg	420
ttggctcctn	gtaaggcgng	gcacaaaatc	accatcgaaa	gaaagggcct	tcggnatgcc	480
ttctgtctgg	atattgcctt	gtag				504

<210> 752

<211> 532
 <212> DNA
 <213> Mus musculus

<400> 752
 gaactgagaa agtgagtgag aaggtgggag gagcggaagg caccaagctc gatgatgact 60
 tcaaagagat ggagaggaaa gtggatgtca ccagcagggc tgtgatggag ataatgacaa 120
 aaacgattga atacctccaa cccaatccag ctccagggc taagctcagt atgatcaaca 180
 ccatgtcgaa aatccgcggc caagagaagg ggccaggcta ccctcaggcg gaagcactgc 240
 tggcagaggc catgctcaag ttcaacctct tggagatgga tatagaacag gtgagccagc 300
 tctccgcact tgttcaggct cagctggagt accacaagca ggcagtgcag atcctgcagc 360
 aggtcactgt cagactggaa gaaagaataa gacaagcttc atctcagcca agaaggggat 420
 atcagcccaa accacggatg agcctagagt ttgccactgg agacagtact cagcccaacg 480
 ggggtctctc ccacacaggc acacccaaac ctccaggtg tccaaatgga tc 532

<210> 753
 <211> 367
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 753
 gaactgagta gcgctgggga cctgtgaccg cngcatccag ctaaccatgg gacagnttgg 60
 ctctgntcac cagcccctta ggagaggact ccatcaaggn cccactgcnn attcncatc 120
 atgnaggccg anaggatcct tccagccagg ggagctgncc tttgaaaacc naggncngt 180
 actgctggtn ntccttgcca nccaccttca ngagaggctc ctgttctctg tggcccacgg 240
 atggggaggn gggccctgga cgnagncttt gtgtggaagg nagctctgac cctgggnctg 300
 accttctata ctactgcttc tncataggca ncacgttcta cnacaaatgg ntgacaaaga 360
 gcttcta 367

<210> 754
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 754
 taagcagtac gctaattggac atagacagca caatttccag tggacgctca accccggcca 60
 tgatgaatgg acagggggagc acgactgctt caagcaaaca cattgcctat aactgttgct 120
 gggaccagtg ccaggcatgc ttcaactcca gccagacct ggcagaccac attcgtcca 180
 tacatgtcga tggtcagcgt ggaggggtgt tcgtttgctt gtggaaagggt tgcaagggtgt 240
 ataacacccc gtcaaccagt cagagttgnc tacagcggca catgctgaca cacagtggag 300
 acaagccttt caagtgtgna gttgntggnt gcaatgccag ctttgcttct caggagaggc 360
 tagntcncca tgtaccaca cacttcagt 389

<210> 755
 <211> 797
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

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<400> 755
aagtaaaact gagggncaaag tcctccatac caaggaccag gctaaaacca gattacactg      60
ccccccctg ggccctattg acttaaagca gccactgtaa tcatgggcaa tatctttggg      120
aacctttctga agagcctaata cggcaagaag gagatgcgca tcctgatggg gggcctggat      180
gctgccggga agaccaccat cctctacaag ctgaaactcg gggagattgt caccaccatc      240
ccgaccattg ggtttaatgt ggagacagtg gaataataaga atatcagctt cacagtctgg      300
gacgtagggtg gccaggacaa gattcggccc ctctggagac actacttcca gaacacccaa      360
ggcttgatat ttgtgggtga cagcaatgat cgggagcgag tgaacgagge ccgggaagag      420
ctgatgagga tgctggcgga ggatgagctc cgggatgctg tgctccttgt gtttgcaaac      480
aaacaggatt tgccgaatgc tatgaatgct gctgagatca cagacaagct ggggctgcac      540
tccctgcgtc accgcaattg gtacattcag gccacctgtg ctaccagcgg ggacgggctg      600
tatgaaggct tggactggct ggccaatcag ctcaaaaaca agaagtgaga gccaggcagc      660
cctctctgac taccaccacc actcctgaca cacacctgtg gnctccttac cccaattttc      720
ccttcttctt ntttgaaagt ggccaaggtc ctgggtatca tgtccacatg cccagcaagc      780
gccttgccct tctctc

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<210> 756
<211> 452
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

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<400> 756
attgttatct aaagaagcta tcctaacag attttactac caacacagca gtcgaattca      60
gccattatt ttggttgctg aggaaggctg gacaatcacc ctgaacaagt catcatttaa      120
attaggtgac catggctatg ataattccct gcctagtatg cacccgtttc ttgctgcccc      180
cggacctgcc tttagaaaag gttacaggca gagcaccatc aacactgtgg atatttatcc      240
aatgatgtgc cacatcctgg gactaaaacc acatcctaata atggaaccc tcagtcatac      300
caagtgcctg ttggtggacc agtggtgcat taatctccca naagccattg gaattgttgt      360
tanngcacta ttgntattaa ccatgctaac aggcctgatg atattnattg nggagcagan      420
catnccacat cccgnccatt ctcccgtctt ca

```

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<210> 757
<211> 247
<212> DNA
<213> Mus musculus

```

```

<400> 757
agtgggcata tgaacagtgt gcaactggga gaaacttgte tccccggcca ttaggactag      60
tccttgaagg ggttccttca aacttgagcc atttacaggt accacgcgga gcctgagaaa      120
agaaaaacca taaagaccgc cacactcaag atggcggttg actcggcaag cgtggcagtg      180
acgtggcgac tcggctcacg ccgaacaact tcaaaatact atattactcc atttttataa      240
aaaaaaa

```

```

<210> 758
<211> 108
<212> DNA
<213> Mus musculus

```

```

<400> 758
gactgaggct cagacaagag aaaagctcta gaagagacca aagcatatac aactcaatct      60
ctagctagtg ttgcttatca aataaatgca ttggccaaca aaaaaaaa

```

```

<210> 759
<211> 468
<212> DNA
<213> Mus musculus

```

```

<400> 759

```

tgagcaccat	gaaggtgaag	gagacaaact	caaagccaaa	gttggcaagc	cgtggcacgt	60
tccagaggaa	gggcatcaag	attgtgggga	aatggaagca	agtgcacgac	gacccgaatc	120
tgtttgcaga	tggacagatg	gatgacctgg	tgtgctttga	agagctgaca	gattaccgtt	180
tagtcaagaa	tccctcccgt	ttgtttctcaa	gtgaggagac	aaagaagaga	aaggcccagg	240
ctgtttcaga	agaggaagaa	gaggaggaag	gacagtccag	ctccccaag	aaaaagatca	300
agttgaagaa	gcagagagat	gcggcacgag	ctgccgaagg	cgctgctgcc	cagaatgagt	360
atgaagtcaa	agcgtccgag	ccagaggctc	agggagaagt	cactgcttgt	tctgatcaaa	420
aggtcggagg	agccaaatca	gaaagcctgg	cccaggctgc	tccaagaa		468

<210> 760
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 760						
ctcttatgaa	ctcctagaag	gcagngacat	ctactttcca	gagatttgtga	agcctccccg	60
gaatccagag	ctagttgccc	ggctagagaa	gattaagata	cagctagcca	atgaggagta	120
taagcaggat	cactcgcaat	gtcacttgtc	agg			153

<210> 761
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 761						
tgaggacttg	ctgaaaatga	atattgatat	gaacaagcat	cttgtgactg	gttctgttca	60
agccaaggta	ctgaaatggg	gtgaagacnt	agaagacttg	atgtcaccag	actacatatt	120
gatggcagac	tgtatatact	atgaggagtc	cttggaaacca	ctgctgaaaa	cattaaaaga	180
tctcagtggg	tctgaaactt	gtatttatatg	ttgtttacgaa	caacgtacaa	tgggggaaaaa	240
tccagaaatt	gagaagaagt	attttgagct	cctgcagcta	gacttttgact	ttgaagaaat	300
ccctttggac	aaacatgatg	aagaataccg	aagtgaagac	attcatattg	tgtacatcag	360
aaagaaaaag	ccaaaaccgc	catcatgaag	cgctttctcca	tcttagccac	gccccgcaac	420
atccctgggt	aagggtcaaga	tgtgaacgga	gcattgtgcat	acccgcatgg	aaaactgcct	480
cacagatttc	tccag					495

<210> 762
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 762						
agactgagac	agctagcagc	ggtgcctgag	ttccaggggca	ctagggcctc	ctttcaagtc	60
ctctcctgag	ccagtggccc	tcacagagtc	cgagaccgag	tatgtcatcc	gttgcaccaa	120
acacaccttn	tctgactact	tgggtgttcca	gnttgactgc	acaaacaccc	tcaatgacca	180
gactntggag	aatgtcacag	tgcaaangga	gcccactgag	gcatacgaag	tgctctcgta	240
ngggcctgag	cggagcttgc	cctacaacca	gnetgggacc	tgctacacac	tantggctct	300
gcccactgaa	gacccacag	ntgtggcatg	cacgttcagc	tgtgtgatga	aagttcactg	360
ttaagggact	ggngatccca	acaanaggag	aantcganga	aagaaggcta	tgaggatgag	420

<210> 763
 <211> 286
 <212> DNA
 <213> Mus musculus

<400> 763
 gaactgagac ccattgtgcc gaaaatcttc tcaaggcgga cacttaccgg aagtggcggg 60
 cagccaaggc aggagagaag accatctctg tggctctaca gggctggaga gatggctcag 120
 cggttaagag cactggctgc tcttccagag gtcttgagtt caattcccag caaccacatg 180
 gtggctcaca accatctgta atggaatccg atgtcctctt ctctgtgtgc tgaagacagc 240
 tacagtgtac taatatacat aaaataaatg aataaattaa aaaaaa 286

<210> 764
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 764
 gagatctgac ccttgcanac cggcctggng gagggaaatg natacnntg anaanggnan 60
 tcacttcttt tctgctggcc ctctaagaca tttntgcttc atatttataa acnaaataaa 120
 cttaaagccg g 131

<210> 765
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 765
 atatacccta gcagacatcc tgatgttcga gagtcactag gtccctctgtt ggccctacc 60
 cctctccgtc catggcccca gatgacactt cagggcttct ctgtgtatcg atggntgtcc 120
 tanaacttgc tctgtagacc aggctggccc caaaatcaga gctttgacct gcctctggct 180
 cccaagngca gggattaaag gcgtggggca cctctgtcag gctgatacac tgtatctcat 240
 ggatatgtct cttaactttt taatagtccc tcagtttctt cattccactt taattactaa 300
 tccctgtttg tcaagtacag tttgacagag tctgagtttg cttgattaga ttcagggttaa 360
 aatccgnttc ttactctatt aaacaaagnt taaattacaa aaaaaaaaa 408

<210> 766
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 766
 gaactgaggg ttccaagact gccctttggt attcaaacgg gagccgcttt ggactgactg 60
 gctgccttcc tctcctccc cctcctcccc cttctgcttc agatttattt attatatgta 120
 agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg 180
 ttgaaagaca c 191

<210> 767
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 767
 aatacacaaa ctcgagctac ttctaaacta cctgttaaata ccaaagaagc ggatttgctt 60
 agacatcttc atccaggagg gccagagcct gatgttacaa aagtcaccaa atcgagacga 120
 gagaatgggc aggtgaaagc ggcagagact gccagcagga ggaacctcag aaacagctac 180
 aaaccgttta ataagcaaaa accggaggag gaactaaagg ataaaaatga gctgctggag 240
 gctgtcaaca agcagttaca ccagaagctg acagagactc agggagagct gaaggacctg 300
 acacagaaag tggagctact gggagaagtt tcaggataac tgcttagcac ttttggagag 360
 caaaggcttc aaccagggcc aagagaccct ggcaccaaag caggaaccca ccacagatca 420
 cacggactcc atgctgntgc tcgaaacttt gaaagacgaa ctgaagggtt t 471

<210> 768
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 768
 tgacatgtga gcttgggggtt atactgtgcc ataattaaca ttgccttgac nactntggac 60
 accgagactg gccacataag tagaaggctt tntttttttt tttttaanac agactcncca 120
 tnttnntgna tatgcgaaag nantttgggc cnnacacccc tctntgggac anaaactntn 180
 tgtgtancct tgggtgnana ccaccgtagg ccttgaact 219

<210> 769
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 769
 gaactgaggt gactcctgct caggctcatgc cgttatctgc tgateccagcc ggccctgccca 60
 ggtgaccatg tctgtcctcg gccagttct tctccagggtg ttctggggccg ggtgtgtcgt 120
 caccctgcgg tccctctctgc cagctgcttt cactgccaat ggcacacatc tacaacactt 180
 ggcaagggac cccaccacag gtaccctcta tgtagggggcc accaacttcc tgttccagtt 240
 gagccctggg ctgcagctgg aagccgtggg gtccacgggc cctgtgaatg acagccggga 300
 ttgcctgccca cctgtgatac ctgatgaatg tccccaaagc cagcctacta acaaccctaa 360
 ccagctgctc ctgggtgagcc cagaggctct ggtggtgtgt gggagcatac accagggcat 420
 ctg 423

<210> 770
 <211> 554
 <212> DNA
 <213> Mus musculus

<400> 770
 gaactgagat gatgactttg accagtttga caagcctggt gcagaacggt cctggagaag 60
 aagagctgct gacgaggact gggacagtga actggaagat gacttgcttg gagaagattt 120
 actgtctggc aaaaagaacc agtcggattt gtcagatgaa gagctgaatg atgatctgtt 180
 acagagtgat aacgaagagg aagaaaattt cagttctcag ggtgtcacca tcagtctgaa 240
 taccacctct ggcatagtta catcatttga gctgtctgac aacaccaatg accaatccgg 300
 agaacaggaa tctgagtatg aacaaggaga tgatgagcta gcctaccaca aacctgagga 360
 acaagaactg tatactcaag agtaccacga ggaaggacag tatgaaggcc atgatgcaga 420
 gttgacagaa gaccaaataa aatatgggga tgagccagag gaggagcagc tgtacagtga 480
 tgaagtgctg gacatcgaaa tcaatgaacc tttagatgaa tttacaggag gaatggaaag 540
 aggaatggga aacc 554

<210> 771

<211> 104
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 771
 gactgaggca tactccagca cccagntggt acagttctga aacagctaca gccaccgcca 60
 nggngcccaa gagagctgga attttataacc atggtttact gctg 104

<210> 772
 <211> 456
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 772
 gaactgagggc attttgtgaa agaaggaaga tcctgtctgc tgcattggata atggactgga 60
 acacagaaag accatgcagg gtctggctgt agaaggccgg tatctccata ggccaganna 120
 caccatcang atctcctggg actggagtta tanagggtgt gagctgccat gttgaaccaa 180
 nctggttact gagggacaca ggcattgtgga tggaaaccct gctggggagaa aaacantanc 240
 tggntgtgcn ctttatagcc cnccttnatga tgcaaganan aatcggctnc ncacaactng 300
 nctctgacct ntncatgctt gctgtacctt gtgctcaccc taccacaca centcggnat 360
 catnatcaac ataacgtttt taaatatann aagtntatte aaatatatgt gtataaatac 420
 aatntatanat aaatatgtga atacattaaa aaaaaa 456

<210> 773
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 773
 cacactttcg cgctcagcgt cgacggaggc tctgtggctc tctacgtaaa actgntgaaa 60
 gaattccaga gggtgccatt tgctcgggcc tagcagggaac tggagctaga gcgtggcgct 120
 ggnctctttg nggggtcagg ctggaacagg gagaccctga ctg 163

<210> 774
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 774
 gactgaggac ttaagatgcc ttctttgntc atacaccgtt taggacatgg aagattttca 60
 ggtccggtga agacantgcn acccnagtga gcattncana tcatgtntaa agagaggtaa 120
 gagatatgct gcanagtcca aagaacaaga tgggtgtggc tcagatggct ttacatattt 180
 caaganccaa gacccctgt ctgctacaac tctgctgtgc angccctgag cacantgca 240

gctttctctg	acacaccatc	ccacagggac	tttctcacct	atacagtgtt	ctcatgtcaa	300
ataagatcgt	tgtacaaggt	ctttgttaca	ttgaacctg	aattttattca	gttatgttaa	360
gngcaataaa	atacctgggt	tttgtacttg	cagaaaaaaa			400

<210> 775
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 775						
gactgagggt	ttctctgngt	agccctgggt	gtcctggact	cactctgtnc	accaggaccc	60
nnacccaaga	gatctgcttg	cttttgcacc	tcangactaa	atctaangaa	agatggatac	120
ctacaatggg	gaatttgngg	actctgtttg	agcagcttgt	gcagccggat	ggagattatc	180
a						181

<210> 776
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 776						
gatatccctg	agatggacac	agtccacctg	ngtggcctaa	ggatgcaggg	cagaggaact	60
gcccatgggc	agtggttcat	cggccaagct	gagagtgtgt	attttggatt	tccggtttgc	120
ggagatgctc	tcttccgggt	gttctgcccc	aaataaagga	cctggacaag	aa	172

<210> 777
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 777						
gaactgaggt	acaccaaatt	gaagaccggc	ccaacatcta	catcttcaat	ctggcttttg	60
ctgatgcgct	ggccaccagc	acgctgccct	tccagagcgc	caagtacttg	atggaaacgt	120
ggcgttttgg	cgagctgctg	tgcaaggctg	tgctctccat	tgactactac	aacatgttca	180
ctagcatctt	caccctcacc	atgatgagcg	tggaccgcta	cattgctgtc	tgccatcctg	240
tcaaagccct	ggacttccgg	acaccagcca	aggccaagct	gatcaatata	tgcactctgg	300
tcttggcaaa	aaaaaaaa					318

<210> 778
 <211> 453
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 778						
gaaagcagtt	atgatgccgn	caaagccctg	cancgccttg	tgaagaagcc	tgtgccccaa	60
ctgatcgaga	agtgctggac	agaggatgaa	gtgaaacgct	tcgttaaggg	gctccgacaa	120
tactggcaag	aacttcttca	gaatcagaaa	ggagctgctt	cccagtaagg	aaaccgggga	180
actgattacc	ttctattact	actggaagaa	aacaccagag	gnnttcagct	nccgtgcccc	240

ccgncgccac	cgcaggcagg	cagtgttcac	gaagaattaa	gactcgcaca	gcgteccacc	300
ctgtnaacac	gccctncaga	ccaccttcca	gtgaattctt	ggacctgagt	tcaaatecca	360
gcaaccacat	ggtggctnac	aaccatcctg	taanagagat	ctgactccct	cttnctggag	420
tgtctgaaga	cagctacaag	cgtacttaca	tat			453

<210> 779
 <211> 571
 <212> DNA
 <213> Mus musculus

<400> 779						
ggtttcacta	tgtagaccct	ggtcggcctg	gaactctata	gaccagactg	gcctcgagct	60
cagatccgtc	ccccctctgt	gtcccagcac	ggggattaag	aacgcgccac	cactacagct	120
gaccggagct	tcacttttgt	tagacacaaa	cacaacacag	cttgctcgta	aacaccgtga	180
catgaatgag	aaggaattag	aagcccagga	ggcacgaaag	gcccagttgg	aaaaccacga	240
accagaggaa	gaggaggagg	aagagatgga	ggctgaagag	aaagaagctg	ggggctcaga	300
tgaggaaacag	gagaagggta	gcagcagcga	gaaagaaggc	agcgaggatg	aacactctgg	360
aagtgagagt	gaccgagaag	agggtgacag	agatgaggca	agtgacaaga	gtggcagcgg	420
tgaggatgaa	agcagcgagg	atgaagcacg	tgctgcccgg	gacaaagagg	agatttttgg	480
tagtgatgct	gattcaaaaag	atgatgctga	ctcttgatga	tgaggacaga	gggcaggccc	540
acagggggcag	tgacaatgac	tcggacagcg	g			571

<210> 780
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 780						
cagcgccggt	ggctggcgac	ttcacggctg	nngacgtcat	gacgagcgag	gngattgang	60
atgacanana	gttttattnng	anggccatga	cctactgtaa	gcagatccca	cccacgggtgg	120
acggcatgct	cggggggaat	gtcca				145

<210> 781
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 781						
cagcacgtct	taaaacattt	actgctaacc	agattgatga	antaaaagac	ccttcaggac	60
tcttttatat	ccttcctttt	caaaagggat	acttgngaa	tngggatgnc	cagcgacang	120
nttgggatta	tcttttttga	aaagaaatgt	atcaggngga	gtctttanat	actaatatta	180
ntatnacaga	accatatttt	aactncactn	cnatccaaga	ntcantgaan	gaantcctat	240
tcgaagaana	ncagggtccaa	gcaggattaa	gagtaaatgc	cggggctctc	agcgcacaca	300
gg						302

<210> 782
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)

<223> n = A,T,C or G

<400> 782

tcattgaaca	catccagggtg	aacaaggcac	ctaagatgcn	ccgacgaacc	tacngagctc	60
atggncggat	taaccatac	atgagctccc	cctgccacat	tngagatgat	cctcantgag	120
aaggaacaga	ttcgttccaa	anccacnaat	aggaggttng	cacagaacaa	aaagatatcc	180
ca						182

<210> 783

<211> 453

<212> DNA

<213> Mus musculus

<400> 783

gaactgaggc	ctctaatttt	aagaagacaa	ccatggcacc	cagtgccccag	agaaaaagga	60
tgagtcctaa	gcctgaactt	actgaagacc	agaaacagga	aatccgggaa	gcttttgatc	120
tctttgatgc	tgatggaact	ggaactatag	acatcaaaga	actgaagggtg	gcaatgaggg	180
ccctgggctt	tgagcccaag	aaagaagaaa	ttaagaaaat	gataagtga	attgataaag	240
aaggaacagg	aaaaatgaac	ttcagtgaact	ttttgacagt	gatgactcag	aaaatgtctg	300
agaaagacac	taaagaagaa	atcctgaaag	ctttcaagtt	gttcgatgat	gatgagactg	360
ggaaaatata	attcaagaat	cttaagcgcg	tggccaagga	gctgggtgag	aacctgacag	420
atgaggaact	gcaggaaatg	attgatgaag	ctg			453

<210> 784

<211> 260

<212> DNA

<213> Mus musculus

<400> 784

gaactgagga	ttcccagagga	ccggtgcagc	agcctttgga	ggatcggctc	ttcccaccta	60
cgggtctctgc	agtctatagc	acggtcctctg	tagtcctggc	tatcctggag	cttgctgtat	120
aaaccactgt	ggccacaagc	tcccagagat	gttctctgct	ctccctccca	tactggaact	180
aaagctgttc	atcatcacat	tcctttcaat	aagcgtttct	ttaataatat	aacttggaag	240
ccatatgaaa	taataaaaaa					260

<210> 785

<211> 115

<212> DNA

<213> Mus musculus

<400> 785

gaagaagatg	gactcacatg	agcacaagtt	cagaaatgaa	tagtttgaaa	gtaggttctt	60
ggaaaataaa	taaataaata	aataaataaa	gacaatggaa	tggaaagaaa	aaaaa	115

<210> 786

<211> 400

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 786

actaactgat	gatgatgttg	aacagagccc	aggcaatgcc	ttatgtggat	cggcagaacc	60
gaatctgtgg	gnttctggat	attgaagaca	atgagaacag	tggcaaattc	ctccggagat	120
actttatcct	ggataccan	nncaactgcc	tcctctggta	catggacaat	ccccagaacc	180
tggccgttgg	ggcaggagct	gtnggatctc	tgcagctgac	ctacntcn	aaggttntna	240
tagntncccc	aaagcagaaa	cctaaaacac	cattntgctt	cnntatcaat	gccctgtctn	300
agagatnttt	tnttcaagcc	antgaccana	aagatctgan	ggactgggnn	cnaagacntt	360
gnaccaagcc	canccaagat	tacctgtacc	caaagctgcg			400

<210> 787
 <211> 542
 <212> DNA
 <213> Mus musculus

<400> 787
 gaactgagggc acggggcagtg gttctgtatc ccaacgcaatc atccgcagcg ttgccccccac 60
 tggccaccta cacacagtag agttccacca gcaacgggca ggacaaggcc cgggaggaat 120
 tccaggagca tcggctgagc cagtgggtga ctgtgcacac ccaggatgtg tgctgcagtg 180
 gcttcggtgt ggtccacgtg gctgacgctg tcttcttgga tatcccatca ccttgggaag 240
 ctgtgggcca tgcctgggat gccctcaagg ttgaagggtg gcgtttctgc tcttctctc 300
 cgtgcattga gcagggtgcag cggacatgcc aggcgctggc agcccatggc ttcacagagc 360
 ttagcaccct ggagggtactg ccacagggtct acaatgtgct cactgtcagt ctgcccttgc 420
 ccgacctggg ggccaacaac ttagagacca acatgggctc tgatgccagc ccttccgta 480
 gtggcacacc catgaaggag actgtggggc acactggcta cctgactttt gccactaaaa 540
 cc 542

<210> 788
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 788
 aagaatcatg gtgagcacia ngaagaaata antgaagcgg ngccaggggg tggttcctca 60
 tgagatgnaa ggccaccana ggaaagcacc cannaaatga tggaggagga ggaagaaata 120
 ccgnnaccta ntccagcggg ggcaccacca ggtgctccna agaagggaaca tgtnaatgtn 180
 gtgttcctcg tacatgttga tgcnggcaag tcaaccattg taggacaaat aatgtatttn 240
 actggnttgg tngacaaaag gacacttgnn aagtatgatc ganaagctaa taaaaaaaaa 300

<210> 789
 <211> 359
 <212> DNA
 <213> Mus musculus

<400> 789
 gaactgagat ccttgcctgc tgaatggagg accacagtag gccacgggag gaggagaatc 60
 aagatgctgc agttgacagt cagggtgacc tctgaagctc atctgcctct tcaaccatca 120
 ggtctaggtg gctgtgctgt agactctgtt accctgtgac gtgctgggtg ggggagttcc 180
 atagggagga cgctccatgt cctggaagcc agaaatgggg ctggtgtcat ttgaggatat 240
 agctgtggaa ttcacctggc aggaatggca ggacctgaat gaagggtcaga gaactctcta 300
 cagggatgtg atgctggaga actacagcaa cttgctgttc ttgggggcaca aaaaaaaaaa 359

<210> 790
 <211> 245
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(245)
 <223> n = A,T,C or G

<400> 790
 aatctcagga tgcacataag ntgctttggn ngacaccntg gaggaagana acgagaagga 60
 tctggtagag actagctaaa cgcnttaana gagaaaaaga gantgggtgg atcattaatt 120
 ntngngaana ggangcgaac anaangaagc aganagnntt ngggagcaca ctgaatggca 180
 aggatggaac tgggtcccat ctagnagacag ngcctnctgg acctagcttg gctgatgctc 240
 tcac 245

<210> 791
 <211> 533
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 791
 atggagctaa tgcacccatc cgaagaacaa agaagagccc aaagcccggc ccttgagagt 60
 ggggtgacaca gaaaagccag agcctgaacg gtccctctcc aaccgcaagc gtcctgctaa 120
 tgaaaaggcc acagatgact accactatga gaagttcaag aagatgaaca ggcgctactn 180
 gaggcagcgg taggggctgg ataacgatgt gatgcacagg ggtgcgtttg tgtgcatgtg 240
 caagcgtggg ggcacacaca catgtcctct tgcataaaac ctgcttatta gctcttgagt 300
 tccccatcag atagtgtctt tgctcagtgg ctggatttct gttctgggtt tggttggaga 360
 ctgtagctct ctgtgtatcc taggccaatga actccctcct cctccctact actgggattt 420
 tagaccccc accccctgca ttttcaagca ctaactttgt aactattngg aagaaaacaa 480
 tgggtgtctat gtctatctat attgtttccc taccctaggg catgacactg ata 533

<210> 792
 <211> 498
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 792
 gactgagaca gctcagtgtg naanagagan gacggagaag ganatggaga nggagaanga 60
 naaggagnng angaaganna agaagacgat cancatgttt gatggcagac gtcttcttnc 120
 nncganctcc ctgtccttag gaaaagaggg aaacngatgg aacanggnta taggcctaag 180
 acnggntttc tgtgtgtacc cctgncctgtc ttggaactca ctctgtagac gaggctgncc 240
 tngnattcag aaatcnncct gcctctgctt cctgantgct gngattanag gcgtgcacca 300
 ccatgcceng ctggaattca acacttntat cttttgcttg gtgacttatt atagtttgct 360
 gagaaaaaaa gttcaatttc ttttgtttaa aaattgtgaa tgcacatttg catatttgag 420
 acagcatctt gctatgtatc ccagtctacc cttgctgttt tgttaaaata caagtaacaa 480
 acttgtcaaa aaaaaaaaa 498

<210> 793
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 793
 aactgagaga cggaagcagc tacttgaggg gagccacagc tcagatcatg gaaatcagta 60
 tgcaagccca ggagaactgc aggagttggc atcatattca tgtannatca gtgntaactc 120
 tgggctacng agacgaatgt tggactacta tgtgtctcac tgacaagaca ctgnnggtca 180
 ncgatgggag acagaactca ccatttataaa agatnaagaa ngaacaccac ccnactaaga 240
 tatgaaaaag gaagcacgan ggnaangctg agagaaacag atgctaccca cagggcagcg 300
 gagccatttg gttgttttgg tctttgtacc ancaactccc actcctgtga acggngtcca 360
 gttccagctg nactacacgg tttttccttg cagtcaaaac gcgaacaatg gacccactc 420
 ctccagc 427

<210> 794

<211> 446
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 794
 gaactgagac tgaaggncct ttaccagagt ctctgctggt ctctcggat tcttcctcct 60
 cctcatcgtc atcggagtag ttcttctttg gggnccttct ccgcaaacgc ctgctttgcc 120
 tcattggccg agaaggatgc cgcctcagtc ttcggtgca gaagtcagtg tcgctgncct 180
 cattggatgg tggctcttct tcactttcat ctggattttc atcagacaca acaaactcat 240
 cctgagatct gtccaggaaa agccagatac atcacgatgg tacacttaga gtttggtntg 300
 ntttgggnaca ttnagaagng ataaccagtt tttcaaagnt ccaaacacat tgtaaagaac 360
 ccaggaaaac attaatgaaa tntaaagata tatttggaac attatgtcaa ctttgccaat 420
 aaaatgtatg ttctaccatc taaaaa 446

<210> 795
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 795
 cttcacatca tttggncctgn accatangen tgnnnngnntg gtnntctnca gngcctggac 60
 ccattgacca gccccctgag ggggaggatg agcacatgga gtctctggac ttagaggctg 120
 acaggatccg gcaggagctg atactcactc atttcagtta gaatgagggt agagggagga 180
 ggaaggcttt ccagaataaa ccgacaattt cccccctta 219

<210> 796
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 796
 gaactgaggt ctactgcgcg ccgcgcgagc atacgcgcgc gtccagaaac cagtccaacc 60
 caagcaggac gatgaaccac cctcctctgc gttcatcaaa gaatacaagg acatcatccc 120
 caacatagag aaggttgntg atnntgtggn tggangttg nctttggana tggcgcgncn 180
 gactganntn nnanaggtcc cgnagngaac aatncgatga acnanatggt ggntnaccct 240
 gangngtnen gagentngnn ggcttatten ngagccttga atgacaggnt ccgcgttntt 300
 gtatacctca tgcagatata tnnaaaggac aaagcccaca aacgccatct gntgatgagc 360
 atcgaccgga ggaaaaagtt gntcaaaaatc ctccgtcaga ccaactatga tgtcttcgaa 420
 aagacatgca nggagctagg ggtgggnatat accttaccct ct 462

<210> 797
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)

<223> n = A,T,C or G

<400> 797

actgagacct	ataggatnag	nnataatggg	agcattttta	gacaagccna	agcatgnaga	60
anentaatgc	ccangggcag	gngantgggt	taccatacng	cctacgcngc	atgcaagggt	120
gncgagttga	aatggaggac	agcacacacg	gctgttgatc	tngtttgcca	agtggacttg	180
agacatggnc	attctttgct	gtatatgatg	ggcatgctgg	ttctcagggt	gccaaatact	240
gctgtgagca	cttgtttagat	cacatcacca	ataaccagga	tttcagagga	tctgcaggag	300
caccttctgt	ggagaacgta	aagaatggaa	tcagaacagg	gtttctggag	attgatgaac	360
acatgagagt	tatgtcagag	aagaaacatg	gtgcagatag	aagcgggtca	acagctgtgg	420
gcgtcttaat	ctctncccaa	catacttatt	tnattaactg	tggagactcg	agaggtttac	480
ttttgtagga	ataagaaaag					500

<210> 798

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 798

tgagttgctc	taggtcgtaa	ccagcctttg	aaaaaggaga	aaccaaaatg	gaaaagtgac	60
tatcccatga	cagatggaca	actgcgcagc	aagaggggatg	aattctggga	cactgcacca	120
gcttttgaag	gccggaaaga	gatctgggat	gccttgaagg	ccgctgcaca	tgcttttgaa	180
agcaatgatc	atgaactggc	acaggcaatc	attgacgggtg	caaacataac	actaccacac	240
ggtgcactga	cagagtgcta	cgatgagctg	gggaaccggg	accagctgcc	agtctattgc	300
ctggcaccac	caatcaacat	gatagaggaa	aagagtgaca	taaagactct	tgatattcct	360
gagccacctc	ccaattctgg	acacnaatct	cagctccggc	tgcggtctct	cacaggcaaa	420
gacctcaggc	tcgtgggtccg	cagcacagac	acagtgtttc	acatgaagag	gcgcttacac	480
gccacaaagg	gcgtggagcc	aggcagccag	cgcttggttc	ttct		524

<210> 799

<211> 407

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 799

aactgaggac	ttttcccgca	ggctgcgagg	ggacccacag	ttcgtggcca	cttgccctcct	60
ggggagggcg	actctcctcc	catccactca	agatgctcag	gggtccggga	cccgggcggc	120
tgctagctgc	tggcagtcct	gtgcctgggg	acctcggtgc	gctgcaccga	agccgggaag	180
agcaagaggc	aggtcagca	aatcgtgcag	cctcaatccc	cggtggctgt	cagtcanagc	240
aagcctggct	gttttgacaa	tggaagcac	tatcagataa	atcagcagtg	ggaacggacc	300
tacctaggca	acgccctggg	ttgtacctgc	tatggaggaa	gccgggggtt	taactgcgan	360
agcaagccct	gngcngtaag	tggaaggcan	ntctggggcc	ctgggca		407

<210> 800

<211> 513

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

```

<400> 800
gattggcata agatatttct tcaagattgg acagctgctg gcctgctact tctgttagct      60
gcaagagata acaccatcat ggatctgcag acacagctga aggaagtatt aagagaaaac      120
gatcttttga ggaaagatgt ggaagtaaag gagagcaaata taagttcatc aatgaatagt      180
atcaagacct tctggagccc agagttaaag aaagagcggg ccttganaaa agatgaagct      240
tccaaaatca ccatttggaa ggagcagtag cgagttgtac aggaggaaaa ccaggtagt      300
ttcatttata catttatctt tatgggctga gtccatgtat ataaacaaaa agaggcattc      360
cttttccatc cegtcttaga tttcccccat ctttggtctt ttattttttt tatttatcct      420
ttttacttta gaactctgtt tctantatct tagccttttt aagacttggt cctgtacatg      480
gtgcaaaaaca ctcacacata taaaattaaa aaa                               513

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<210> 801
<211> 490
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

```

```

<400> 801
gaactgaggg tctgcactga acctgagctc accagttcag ctagactgcc tggccagtga      60
actccaaaga ctgacctgtc tctcccttcc cgttgctgga attacagaaa gtatttgctg      120
gcctcctgtc ctggaaaaat agctggactt tccaggatac agtgagttag tacaagcaag      180
ttgctgtaga gtgacaagaa cctcacaagc taaaagaaga gaaagcattt tggacattgc      240
gtaacagaag agaatatcta ctaagggtgt tgtagctgtt gaaaatgtct gacaagaacc      300
aaatcattgc cagggcttcc ttgattgagc aactgggtgt taaaagggtt tttgaagaaa      360
tcantctgna gctgtcaagt ctganttata ttttggtata ttntntccat atggcattcc      420
agggtggntc accatggngc aatgtgntag tcctttacng agngacttac agagtcatca      480
acaactcaag                               490

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```

<210> 802
<211> 414
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

```

```

<400> 802
caatgcttac ctgctnttgn ccgaagatct gaanagcgtg nggtatggga gggaccaggc      60
agcaattacc tgacaacca gagcgattng tcagtcctgc aanctgtgtt gggagcccan      120
attttcacct gcggnagaca ctactgggaa gtgcaagnng ngaaagaaga cggagtggca      180
agtggngatc tgcanggact ttgngaacag aaaggggant ttcncccaaa nctgnccggg      240
gacctcttcn cactcatagg cttaaaaaat gncgaccnat tacaagtctc ttggnttnca      300
tctcccttga aagggcaaca tgtcncggag nancccgtn cntacaggct ggngnagttt      360
tttggtactat gactctgnan cccataance ttatacaatt gcgaacagga tgga          414

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<210> 803
<211> 318
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

```

```

<400> 803
cacaaacgtg tatcttggtg tgcagggggn taccagtagg acaacttata gaattggctc      60

```

tctccttnnn	tgnggggtccc	anagacagna	ctccggccat	cagacttgga	agccagcacc	120
tctaccagct	gaatcatctt	tgcctgcctt	aaagtgaatt	tccttaagag	ggagaatggt	180
ctaggngtgg	cttcacagag	acagtgggta	ccggccngtt	ttntnagcgn	agcttgaagt	240
gggaggctgg	gtggcacaca	tgggagacca	aagagatgtg	acttntttcc	ctagcctctt	300
ttggtgtgtg	tgtgtgtg					318

<210> 804
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 804						
aactgagggg	actggaagct	gcaagcatcc	tcagctgaca	actgcacctc	cgcgaaatggc	60
tygggtctctg	tagtaaaact	gcggtggnag	gccattgtga	ttgtnataga	ccngagaaaa	120
cctgnactga	cgccctttta	aactgcagtc	aggaggaggc	tgactaa		167

<210> 805
 <211> 494
 <212> DNA
 <213> Mus musculus

<400> 805						
aactgagatt	gccttggggtc	cccgggtattc	acgcccattca	aggcagacat	aagcggtaac	60
atcaccaaaa	tcaaagccgt	atatgacacc	gaccagacca	agttcaagac	cctgcagAAC	120
atcctggagg	tggagaaggg	gatgtatggg	gcggagtggc	ctaaagtggg	ggccactctg	180
gcactgctgt	ggctgaaaag	gggcctgcgc	ttcatccagg	tggttcttgc	gagcatctgc	240
gatggggAAC	gcgacgagaa	ccaccccaac	ctcatccgag	tcaacgcca	caaggcctat	300
gagatggccc	tgaagaagta	ccatggctgg	ctggtgcaga	agatcttcaa	ggccgccttg	360
tacgcagcac	cttacaagtc	cgacttcctc	aaggcactct	ccaaggggca	gaacgtgaca	420
gaggaggagt	gcctggagaa	gatecgccctc	ttcctgggtca	actacacggc	caccattgac	480
gccatctacg	acat					494

<210> 806
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 806						
aactgaggaa	ggggaagaag	aaggagatga	ggaaaacgat	ccagactatg	acccaaagaa	60
ggatcagAAC	ccagccgagt	gcaagcagca	gtgagcagtg	actggccttg	aggacggccg	120
ccctggccta	ccttctgctt	tcctggaaaa	gatgaatata	catcatatga	acctattttg	180
agtttttctg	ttgtttgttt	gcctaatttt	gttttttatag	cctaaaataa	aaatatgaca	240
cagnttttagc	tctcaaaaaa	aaaaa				265

<210> 807
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 807
 gtagtcccgc ttccaccaaa actctgtgtt tcttttctct caaaataaaa ctcaacaagc 60
 cataaagctt ncgacgccgg tggaganggc gccncgnat ttatggcccc tgaat 115

<210> 808
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 808
 gactgagagc tgctctcaga nctgctgctg ctgctgctgc tggcacganc tntngtccga 60
 gtccnntgag gaggaggacg aagagganga ataggaccan gnacaggccg aggaagagga 120
 ggaggaggag gancatagaga ggctttcctc tgagtcactg tcttctgaag aggatgaggg 180
 ggatgtctca ctctctgatg aagactcact ggccgaactg tctactgctag agatcnnctc 240
 tnnntagana nngttcttct ttgtcttctt tgcgacaagg tctcacgtan cctaggctan 300
 gcttgaagat gctgctgaac gcttgacccc tccgcttccc ttacacagcg tcacggatgg 360
 atctcagaac cttgtgcatg ctaggcaagc nctctgcaaa ctgagctaca tctcancccg 420
 acttctaccc tgtgcttgga cctcaaaggc ttcccaaagt antctctgct cctgatgag 480
 gagagtagct cgatcctgcc ncanacganc cagcncgggc ttcactctaa ccctctccaa 540
 aaaa 544

<210> 809
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 809
 tcccacctgt acctgtgtct gtgtccagcc aggaagacnn gttgcctnan ctacctcccc 60
 tgcctaantt accanacacc ggntgagaac tacgtgactc ccattgnaga ctccccagca 120
 gccgaatacg tgaatcagga tgngcctctc tccaatcagg cggtcctntt gaagnccaag 180
 aagccngccn ggntccnagc anaacncna tagnatnag ttgtgcctan gccagatctc 240
 ttagccatnn ccngngttga ggaccaggan gctaggtgga agntcntncc aggcttgctn 300
 ccttggggaca agaattgngg ntatcacccg tgagctgg 338

<210> 810
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 810
 gactgagaat agtatacaag cttcaggagg gactccggaa gccaaagggca ttgagaaacg 60
 caagctttct cagaaacgaa ggacactgta gctgccagca gcagtccatg agcatctcca 120
 agcccaagta cctggagcaa ctagaaaact acctgcgcaa ggaactcctc ctgctggacc 180
 tgagcacgga ttctgcacag gaactgaggg tgcaggtnaa agcccacaga cccaacatgt 240

<210> 811
 <211> 133
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(133)

<223> n = A,T,C or G

<400> 811

gagatcttcg	aagaactggt	gctgtaactc	ttggtatatt	tggaacttat	ggcntacaca	60
atccacangc	atacagatac	tgtgaagcag	atTTTTgctt	tagaataaaa	aagctgtgat	120
acaagaaaaa	aaa					133

<210> 812

<211> 512

<212> DNA

<213> Mus musculus

<400> 812

actgagtgtg	tcctgagggt	accggcgggt	gtttgaggag	tacatgcggg	ttatcagcca	60
gcggtatcca	gacatccgca	ttgaaggcga	gaattatctc	cctcaaccaa	tttatagaca	120
catagcatct	ttcctgtcag	tcttcaaact	agtattaata	ggcttaataa	ttgttggcaa	180
agatcctttt	gcttttttcg	gcatgcaagc	tcctagcctc	tggcagtggg	gccaagaaaa	240
taaggtttat	gcatgtatga	tggttttctt	cctgagcaac	atgattgaga	accagtgtat	300
gtcaacagggt	gcatttgaga	taactttaaa	tgatgtgcca	gtgtggtcta	agctggaatc	360
tggacatctt	ccatccatgc	aacaacttgt	tcaaattctt	gacaatgaaa	tgaaactcaa	420
tgtgcatatg	gattcaatcc	cacatcatcg	atcatagccc	tacctatcag	caccgaaaac	480
tcttttacac	taagggattt	tgcaagagca	gg			512

<210> 813

<211> 410

<212> DNA

<213> Mus musculus

<400> 813

gaactgagag	tcagtcgctt	tgaatccaag	atccatgact	tgccgggaaca	aatgatgaac	60
agcagcatga	gttctgggtc	tgggtctctc	cgaaccagtg	agaagagggtc	cttgtatgtc	120
agggccctgt	ttgattatga	tccgactcgt	gacagctgtc	taccaagcca	gggactcagt	180
tgaaggcaaa	gagggataaa	gtgacagatg	attgtgactc	tccgcagggg	gggtgagccg	240
ggaagtgttg	attctctgat	ggtaactgac	agcagtggac	agtgtctaat	cctccctccc	300
aggggaagaaa	agcaaagatt	cgaagtaagc	atgataatag	ttggtttacc	agtgttcctt	360
ccaaggagac	atatatTTTT	taataaatga	tagttgcaat	gaaaaaaaaa		410

<210> 814

<211> 100

<212> DNA

<213> Mus musculus

<400> 814

gaactgagct	ctaagaacag	gtggaattag	ctatggataa	ttcatacaat	ttaaataaac	60
aaagctcatg	gaatggaatc	tcctctgaga	agaaaaaaaa			100

<210> 815

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 815

ttgattcaag	atgtcacaga	cagtncttcc	cnnntgggga	gtctgacatt	tgaagaggaa	60
------------	------------	------------	------------	------------	------------	----

gaactgactc	gagctgatec	tgagcaatgc	catgtgcccc	tgtgagtaga	acgaatgatg	120
atgcagtcac	tcctgaaaaa	tgtgggacaa	ga			152

<210> 816
 <211> 365
 <212> DNA
 <213> Mus musculus

<400> 816						
gaactgaggt	ttagagtcag	gtccctcccg	ccaatgctac	tggggaaata	gcccaggcgg	60
gctgccaggt	ctccatagta	acctccctga	acctggagaa	gaagttaaaa	gtccatctgg	120
ggaaacggca	cttatgcttg	ctgaacgcct	gtgtacaatc	ttccctctta	cttgaatctc	180
agcttaaatg	ccatttgctc	atggatagaa	tgttgccact	acaactaatc	ctcacaatgt	240
catgtttgct	gccacttttg	atggcttgct	ggttgccctg	ctctaccctt	ttgttcactg	300
ttgtatcccc	ggtatgaaaa	agagctttgg	cgctaagctt	ctctgtaatt	tctaaagaaa	360
aaaaa						365

<210> 817
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 817						
gaactgagat	tggcttgggc	aaaagaatcc	agagacccta	ggatttccaga	aggccagcag	60
tctccactgg	agaagaagat	cctgagtttt	ggtggtgtgc	atacaacagc	agcaagacac	120
ttgataactc	agaaatgccca	tgaggagagc	aaagcactct	gcaaggagca	agctaattct	180
ctggactact	ggcttgcaaa	agcagagtcg	tattataata	agagaatggt	ggagagaaatg	240
aaaaaagaca	caggtgatga	aacaaagaca	aaagtgcag	aggaaccacc	atcaccatca	300
ccaccaccac	caccaccacc	acgcagagag	agacagaaaac	agcattactg	ggtgcctgag	360
agagagaaga	agcaaataga	aaggcacatt	catagaacaa	gccatgccag	agaatttaca	420
gaccaaccct	ggagacagcc	acgactcttc	agtgaacaa	cactacccaa	aattgtgcta	480
gaggaggaaa	gcattcccaca	agcacagaaa	agaaggcagg	cncacgagag	agaactgctc	540
caaatt						546

<210> 818
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 818						
aactgagatg	gatgtccatg	gcagaataag	agaaattctt	gcagagacta	tacgagaaga	60
attagcaccg	gatcaacaac	atztatcaac	agaagatctg	atcaaagctc	taagacgtcg	120
aggaatcatt	gatgatgtaa	tgaaagaact	taattttgtg	actgatagtg	ttgatcaaga	180
actcccttct	tctccaaagc	aaaccgttgg	ttttgataag	cagtcaacat	taaaaaaaaa	239

<210> 819
 <211> 457
 <212> DNA
 <213> Mus musculus

<400> 819						
gaggctcgac	ttcggatggg	agacattgtg	gagaaggaag	atgtaaatga	agccataaag	60
ttgatggaga	tgtcgaagga	ctcccttcta	ggtgaaaagg	gacagacagc	taggacccag	120
aggccagcag	atgtgatatt	tgccaccatc	cgtgaattgg	tgtcacaggg	ggcggagtgt	180
ccacttttct	gaggctgaac	agcgctgcac	atctcgtggc	ttcacaccag	cccagttcca	240
ggcagctctg	gatgaatatg	aggagctaaa	tgtctggcag	gttaataactt	ctcggacacg	300
gatcaccttt	gtctgatagc	cagttttttac	accctcctgc	ctacaccaga	gggcatgctg	360
aatgccccct	caagaaaaaa	tctcattctc	ccatgctgca	ctttttttatt	ctgccataaa	420

agtgttttga ttgcctcttg cttgttaaaa aaaaaaa

457

<210> 820
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 820
tgggattaca gatgtttgct gagggaaaat ggccagaaaa tcttcattcc tacgtttggt 60
ccttanaaag gctgttgggg caggtaatcc agctcctgca cagttctgct gagagccaca 120
taaaa 125

<210> 821
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 821
gactgaggct atatcggcgt ggttaaccga agccagaaaag acatcgaggg caaaaaggac 60
atccgggctg ctctggcagc cgagaggaaa ttcttcctct cccacccagc ctaccggcac 120
atggctgacc gcatgggcac cccacacttg cagaaaaccc tgaaccagna antgaccaac 180
cacatccgga gagtcactgt cgacccttcg cannaagntg nagagccaac tgctgtccct 240
ggagaaggaa gtg 253

<210> 822
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 822
gaactgagga gtgccagtgc acaaccaagg naagtccatc agctttatta acccatcaaa 60
atcaagtgcg gggaaaggat atgtgcctc aaacccaaac aaattggccg tatcaagaac 120
tatgggtttt ttaactgaca tgaagccggc agaaaaacta aactgttcct agcgctaaaa 180
cagtacaggt gcttgattca aaaggagttg atgtcacacc cggacctctc taccatccag 240
atccacatgc tgcgtcagca aagccaaaca aactcttgac atcacaagaa ggatcgcttg 300
gatcagatta tattttcttc tatagcctct atcanaatac actaaaccct agcatgttag 360
ggcagtacac aaggtcagtc ctggggagca gntcagtgtc gaagtcaagc atctcaacaa 420
ctgagtcgat gtcagaggac cttgaagatt cctcttacia gaggggatag attggccagt 480
tttacagatg tacga 495

<210> 823
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)

<223> n = A,T,C or G

<400> 823

tacagcaagt	ccaaaggant	gccnactctc	canaggattt	aactgggnagn	ggnatgagac	60
ttctgatttc	acagctcgnt	ggctacctga	aagngaaaac	aaaaattcan	nncatntttt	120
atctatggca	tgnengcaaa	ncatcaaaan	aaagcgattc	ttaaaccctg	gaaaaaaaaa	180
aa						182

<210> 824

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 824

ccacaggtgt	cggccagcag	tatcctgacc	cagcaacggc	atggtggnat	gtggggctat	60
atgccaaagag	ganagccgtc	tatnnggana	actctctcta	tcagcctctt	tcttgccctc	120
gganatnecn	gctcttctca	ataagcctaa	ggctttactg	ntaagaatcc	caggagggtt	180
ctgggataag	acaccattgc	ttaaactcgg	ggnatgcagg	aaaggaaagg	gcagacactg	240
ngaagggtc	atagaaaanc	actttcaaca	attttgggaa	taccaaggag	aagaatttcc	300
tagagaaaaa	gaa					313

<210> 825

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 825

ctgagactga	gtaagagaga	gagagaagag	agaagnagaa	ggagaagatg	aagaagaaga	60
agaagaagaa	gaagaagaag	aactgctttc	cctcgtntcc	ttgctgggtc	gtcctcccn	120
angaccctga	cttгнаacac	cnaancntn	cacaaccagc	ancccancca	ngcancaa	180
gacacacacc	aaggctcatc	tggctcctga	ggttcaaagt	gagttttnt	tgtgttttat	240
tctaacaatg	tttttcagag	ttttctgctt	tgaaaatgaa	gttctttttt	agctggngaa	300
gaataaataa	tatttccaag	agccgcctc	ccagga			336

<210> 826

<211> 520

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(520)

<223> n = A,T,C or G

<400> 826

tcatacagaaa	agctaagttt	gctatacagt	aaggatcagg	agatctgacc	ctgggttgcag	60
aaccattcct	ggttgcagaa	tacagggttg	tattccact	tcattcttcc	agaccatcct	120
aggaaatact	aggaatcctt	ggaaggga	gaaggaacat	tgttggttgg	aataaaaa	180
gggttgaatg	agttccagaa	agcaggcttc	tcaaactcgt	ggacaacaat	ctgctgaaga	240
agacaacttt	aagaaaccaa	ctcgaagcaa	tatgcagaga	agtaagatga	gaggagctgc	300
ctcgggaaag	aagtcagctg	gttcgcagcc	aaagaatctc	gatccagccc	tgcccggga	360
atggggagg	ccgctctgct	gagaaccccc	cttcgggttc	tgtgcggaag	accaggaaga	420
accaagcaga	aggctcctgg	cnaacggaga	cggaggcagt	acccagggga	agtccccag	480

ccccctcgg aagaaaaagg gcacggggct gacccccact

520

<210> 827
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 827
actgagactg aggtatcagt ccttcacctg accctgttcc tgaacacagt gcacccatct 60
atgagttccg gtgacagagg ttcagaacag tggccaaata aaactgaact tggcaacaaa 120
nancctttgan aggaaattat gtacctgcca tgaaccagga gaggtgtgtt cctgtttgtt 180
cacgagcaga cttcatcaga aagcatgaat gttaacctac aggatccaag gagcatggcc 240
aacctgcagg caggcagagg gagctgttca cctcccaccc tccttccctct cagtggcatt 300
gtggtcacca tctgtttctg aacaacctta aatgcacttt ccttccctgca cagctaactt 360

<210> 828
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 828
acactcacgt ccttgtgcag ccttcgccac catcctcctt cagaactcat tcattctctca 60
cagttgaacc tttgcnacaca tgaaacagtn agtctctctt tttaaagata anttncctatt 120
ttgattatac atgtggatgc agatgccctt ggagaccaga catgtnggag ttgnggtgaa 180
gatgggttata aaccactnga ngtggngttg tncctggctgc cctataactc actntggggg 240
ccaggctagc ctgaactgcg atgtctttta cctaggtttt ttccctcccag ttcactgatc 300
ctgtnttgca tgnennannn nacctcctt aaanacatat annccaccan nntntgcanc 360
aatttcagaa ggctcaagggn gggggagcgc ctggccctat nttgaccagg tgaaactgca 420
g 421

<210> 829
<211> 536
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 829
gaactgagag tcctttggac agaactaccc agtaggtaag ctgatgggac tctggactgc 60
atcagcatgg ccttgacctg cacctttaac agaagaccct naataaannn ctgntggccn 120
tcacaccgnat gcagtencaa nctncttgat ggaggaaggg gctngtgtca gagaanaana 180
ggcactcttc annacanggn ncccatncac caaagangaa acntanaccc accantatan 240
ggntncaagg agagccgaat gatgaantcc atccactact gngngtaaag ggggatggca 300
aatcgaaana agantcaagc angccggcct aaaggatnaa aagcaggagg agccatctca 360
gaactgctgn gaanaccgtg gaacctttgg ttctttctcac tctgtcatca ggtanccttt 420
ggacagngtg gccaatcatc tgagattggc tttagttgaa aacaaaggcc tntgcctccc 480
accagaggagg tgaangagng gatttttnngt ttgaatgacg aaggcgaatt atgccg 536

<210> 830
<211> 333

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 830
gaactgagga agaaatggaa gccagaatna agcaggtact ccgctccctg cgtctggagc 60
tgggtgccga ggtactggtg gaaggactgg ttcttcagta cctttaccag gaaggaattn 120
tgacagaaaa ccacattcaa gaaatcaaag ctcaaaccac aggcctccgg aagacaatgc 180
tgttgctgga catcctgcct tccagggggc ccaaagcttt tgacaccttc ctcgattccc 240
tccaggaatt tccctgggta agagagaagc tggagaaggc gagagaggaa gtcacagccg 300
agctgcctac aggagaaaaa atccctggaa gca 333

<210> 831
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 831
gatgcgtttg gcagagggag cagtggagat tctangtcng ggcttaagge ctggggcttc 60
caatgatnct ctggtnatgg ntggangcct agatgcctca ccgcangng caggacngn 120
gggtcctcnc ttaantgcac acnggcagca anangcacag gcggagggag gaaatatagn 180
ccnggctgtc actcacentn tcggntgtgt ctcccctggt tgacca 226

<210> 832
<211> 111
<212> DNA
<213> Mus musculus

<400> 832
ctagactgag tccaggctga tactgatttg ggcgcttgg ctgcagaaat agaaggagct 60
ggtgctgcca aggagcagga gcctcagaag tcaaagggaa agaagaaaaa a 111

<210> 833
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 833
agcacacagc tggggcttcc ctaggcgagg agagatggat ctgatccgta tgggtttgaa 60
aggcccgaag actttgacta tgccggcttat gaagaattnt tttccacgta cctgggtgata 120
ctcaccaaga gggcgatcaa atggtcctaaa cttctaaaag gaaacgggtg tgtcccggaa 180
aagcgtgaca gngaaacgct atgtccngaa gggaatcccc gntggaacat cgtgncennn 240
cgtgtggatg gctcngaggt gganctcagg ccccggtatg accanagccn tgnatactta 300
ccatcgactg ctncanggc nagatcagct ccaggctctg acnaggtcnc attaggacan 360
nacttgtaac ggacattccc tgact 385

<210> 834
<211> 303
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 834

gaactgagtg	tcttctaatt	gttgccatca	tgacggagtt	tgtatgcctt	gataccttta	60
tgctgtttta	gaatcatgtc	tttgggggac	tgagagaaatg	actcaacagt	taaaaaagca	120
ctgctgctct	tccagaggac	ccaagtctga	ttcccagcac	ccacatgatg	ttcacaacta	180
tccttaactc	cagttccagg	ggatntaatg	ctctcttctg	atcttntgga	gtaccaagca	240
cacacatgat	gtacagacat	atatacaggc	aaagtacaca	tacaataaaa	tgaataaatc	300
taa						303

<210> 835

<211> 316

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 835

gaactgagag	catacctgcc	ctgctggagt	tcatacccat	tcctgagcaa	cactgggtttt	60
tgccatggaa	tccgtanac	cagcttgtct	gtgcagtagg	ccactgttca	aaatgaagan	120
aaggaaaaaa	gagagtggca	acacgggaagc	cagccacaca	cctgggattg	cnggctctat	180
tcgtggatct	taatgagtaa	caaggaaaag	caaaatgcta	tttatctttt	tggcaaaaat	240
taattgntag	tatttcacga	ttctagagat	gtatttctcc	aactanaata	aaatttttgg	300
atcgtaaaaa	aaaaaa					316

<210> 836

<211> 286

<212> DNA

<213> Mus musculus

<400> 836

gaactgaggg	cacagagacc	gtgaagtctg	caacacggct	getcatcagc	ttccagcatt	60
cccagccatc	gaagtccaca	gtggagtggc	tgctccctgg	gcacctgtga	agattcagga	120
ggaaccacag	gtcacgcttt	atgcctttca	agtcattcca	tctggaaaga	tgaacagaat	180
gagaaatgtg	tgtgtgtgtg	ccatagaagt	tgtagttcca	tacgttcaaa	tgccttggca	240
tttattagtt	ttgagtaaaa	acaacgttac	ctttcaaaaa	aaaaaa		286

<210> 837

<211> 432

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(432)

<223> n = A,T,C or G

<400> 837

gactgagacc	ctgtcccatc	atttgaggtg	gcgcggactc	lagacgacag	actgcagcgt	60
cccagctttg	accccagtgg	gcagcgccca	caagacgtgc	acatcgcggtg	gaagaggtgc	120
ccanagccac	ccantgccag	agagcanaan	gaggggacag	tgtcccacgg	ggcacacgcc	180
atncaanggt	aaccacntgc	canagtcccg	aggacaccct	cgtgacagac	accttgctgc	240
agaagaatga	ggccgagaga	cagangggtc	tccaagaagt	ccacatcacc	ttggcagcca	300
ggctggggga	ggcagaggag	aaaatcaagg	tgttacattc	agcgctaaag	gccacacaga	360
cagagctgct	ggagctgagg	aggaaatacg	atgaggaggc	tgcttccaag	gccgatgagg	420

taaaaaaaaa aa

432

<210> 838
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 838
agactgagta caagacagca aaatacaact gccattala cagctgcgga aagtatgggc 60
tgaagcagtg cactacgtat ctgggctaaa ggaagactac agcaggctct tccagggaca 120
aagagcagca atgttnnnag attgtgttag aagcgtagna gccatgtgta tcatgtactc 180
aatgaatt 188

<210> 839
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 839
atatatctat ctggcctttt caaattggnc cctgcnnant ggcttncaen aagaagggtt 60
ntngtangaa ganggnccat catcgaggtg gtgatccang antacaccat cntcattnac 120
nagncattc ntagngtgga nttcattang ccgtgctcct tggacacten naganatcca 180
nangttngct atgaaggann tgnacgattc cngatgtncat tatngacacc nggctcatta 240
aagncatgtg ggtcaaggga ataaggaatg ctccattgca tctgagtatg ttcgtccaga 300
anacatagta cggaggagga gtcaccagac aagctttaca cattgataac ttactgnctg 360
tnaccacatt caaactctac agaangtcaa tgtggatgag anctaacctg ctgantgtca 420
aataangttg cagaactgcc aaacaggtaa aaaaaaa 457

<210> 840
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 840
gaactgaggt acctttcaga tgaaggcgtt gaagcctgca caagctctcc tgggaaaggc 60
agcataaatg acatcatcct gattgctctc aatgnagann aaggcaccta tgatcacacc 120
attgnntncc gcaaaggagg tgatggacag ncacaaaggc ntactnggcc ancgagnaa 180
ntntaccaan ctntctgagc tnggaactaa ngngaanggg cttttgagaa ggaagatcca 240
ctgactganc catnctggaa gccactgat ngattttcca cttnttcaga gagagactca 300
atatgctgga tatgattttt ggaga 325

<210> 841
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 841

tctgacctgg	cgtttgatga	nanagattgg	aagctccaag	tcagatentg	aaganccttn	60
angctcctcc	acaaatctcn	ncgaccacnn	cccttcatcc	tggcgagacc	acgatgacgc	120
aacctcaacg	cactccgcag	gcaccccag	accctccagt	gggggccatg	cttcccagag	180
tygagacaac	agcagtgagc	aaggcgatgg	gtagacaac	agcgtagctt	cacctggcac	240
aggtgatgac	gacgatccag	acaaggacaa	aaaacgccag	aagaaaagag	gcataattccc	300
caaagtccgc	acaaatatca	tgagagcgtg	gctcttccag	catctcacac	acccgtaccc	360
ttcagaagaa	cagaagaaac	agtttagcgca	agacacggga	ctgacaatte	tgcaagtga	420
caactgggtt	atcaatgcc	gaagaagaat	agtgcagccc	atgattgacc		470

<210> 842

<211> 260

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 842

ctgagactga	gcattgatgc	tttatacant	ccataacaca	tacgatgaca	ttgaaancac	60
tnnccggttg	agattctagga	tgnggctgtg	gngtacttat	nanntngaac	aggcaatgct	120
aggagcaggg	ttgngtggtg	gatttgacat	anatgaanat	gcactagnna	atattttaata	180
tngaattngcg	gaanagtngg	agctaacant	ggttgntatg	atnctntagtg	atgtgtactc	240
attatctaac	agaatgtcca					260

<210> 843

<211> 358

<212> DNA

<213> Mus musculus

<400> 843

gaactgagat	ggccgccaag	agcgagttat	gtttgacaaa	attacatcac	gaatccagaa	60
actctgttat	ggactcaaca	tggactttgt	tgatcctgct	cagatcacca	tgaaagtaat	120
ccaaggccta	tatagtgggg	tcaccacagt	ggaactggac	accctggctg	ctgagacagc	180
cgcgaccttg	accacgaagc	accctgacta	tgccatcctg	gcagcaagga	tagccgtctc	240
taacttgcac	aaagaaacaa	agaaagtgtt	cagtggtagc	tctgggtataa	aaacatgaga	300
aagcgtttta	tagtgtcata	aaattatagg	aataataagt	gaatttttaa	aaaaaaaa	358

<210> 844

<211> 543

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(543)

<223> n = A,T,C or G

<400> 844

tgaggtgccc	tatgagacac	tgaacaaaac	cttccgagct	gctcagaaaa	acatcgatcg	60
agagactagc	cacgtcacca	tggtggtagc	tgagcttgag	aagaccttga	gtagttgccc	120
agctgtggac	tctgtgggtc	gcctattgga	tggtgtgggt	gagaagctga	gtgtcctcaa	180
gaggaaggca	gtagagtcca	tccaggccga	ggatgagagc	gccaaagctc	gcaaacgtag	240
gatcgagcac	ctcaaggagc	acagcagtga	ccagccagca	gcagccagca	tgtggaagcg	300
gaagcgcctg	gaccggatga	tggtggagca	tctgctacgc	tgtggctact	acaacacagc	360
tgtgaagctg	gctcgccaga	gtggcatcga	ggaccttggt	aatatcgaga	tgttccctga	420
cagccaaaga	agtnnggagga	gtccttggag	aggcgtgaga	cagccacctg	ccttgccctg	480
tgccatgata	acaagtcgcc	actccggaag	atgaagagct	gcctagagtt	tcagcctcag	540

gtc

543

<210> 845
<211> 275
<212> DNA
<213> Mus musculus

<400> 845
gaactgaggg cgggcacatg ggtgaggggg taccctctgg ggcgtgagct gccccgcaca 60
ggatgccccg tgcctccccc tccatgcccc tgctgctcct gctgctgttg ctgtcatcgc 120
tcccccaagc ccaggctgcc ttccccagc accccacccc tctgttgacc tctgaccttc 180
aaggtgcctc tccatcatcc tgggtccggg gctggagga cgatgctgtg gctgcggaac 240
ttgggctgga aaaaaaaaaa ttttaaaaaa aaaaa 275

<210> 846
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 846
tgggaaaccg gcaccagtcg actctacagt gctctcgcca agaccgtcaa cagcagtgca 60
gctgctcagc acccggagta cttgggtgtca gctgaccccg aacatctgga gcccatcgat 120
cctaaggaac ttctggagga atgcagggtt gttctgcaca ctccggccacc ccgctaccag 180
cggggatttt gtggacctga ggacagattg ctccagcagc cactctccca ttccgctcat 240
gcagtggaaac atcctcgccc aagctctcgg agaaggcaaa gacaactttg tgcagtgcgc 300
cgtgggaagcg ctcaaattggg aagagaggaa gtgcctgac ctggaggaga tcctggctta 360
ccagccagac atactgtgcc tccaggaaag tggaccncta cttttgacac ctttccagcc 420
acctcctcag tagactgggg ctaccaangc accgtttttt cccaagccc tggtcaccat 480
ngnctagant gtggaanac aacaacggtc caagatggct ggtgccttat ttttttc 537

<210> 847
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 847
gaactgaggt tgctgtttctg gctgaggcca tctatggccc tggagtggtt ttcattcaag 60
acaaagtcca ttccatcttt atttattagc tgagcaaatt cagctaataa ttttcaagac 120
ccagattcaa gcaataaaaac atttctctgc aataccaa 158

<210> 848
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 848
gactgaggtg ctgctgactt ctgataaagc tgccggccaat ttctcagatc gttcttttgc 60
gaagaacttg ggacattggg taggaatgat cacattagct aanaataaac ccatcttaca 120

cac

123

<210> 849
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 849
aactgaggtg aagagactgt tttctgaggc tgcgttggag gctgtgaccg agcagagagc 60
ccatgtgaac tgatggggag gctttctgaa taacatggcc ttttgccatt agccttgcca 120
tgaccacatt tttcaccagc agtccctccc tggattcaag atgcaaagca ggaggaggaa 180
gtgggctagg aaactagttc ccaggcctcg gggccgggag gcagagagtc aagtgaagtg 240
ccaatgtgaa atctcgggga caccattttc aaatggggag aagctaaggc ctcacagcct 300
tccccatccg gagcagagac catatagctg tcttcagctg cactgcggca aggccttttgc 360
ctccaagtac aagctgtata ggtaggtgac actcccattc ctctttcagt ttccagggtc 420
ctggagctca caaccagaga ctccattgag agtgaacggt aaagntgtcc tgtgagtata 480
ctatgaactc taaccatttg aagtcactca ctaaatagta ataatggttt agctggatat 540
gga 543

<210> 850
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 850
gtgttccaat ttgcaaggca agaaggagtt catggttttt atgactttage agtggaagcc 60
aaactatcac tttcaccaaa ttcaacgtat taacagcaag tcaccaacca ttcagggtctg 120
gagaggtggt tnagnagnta gggctgctct tccagaggat cccagttcaa atcccagcat 180
ccacatggna gctcacagca ntgtgttaact ncagttcttg ggattccage nccccatac 240
agactgtaca cgcngccaaa acaactaaga cataaaatan tgataaatac attcttttaa 300
aaaaaaaa 307

<210> 851
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 851
gaactgagga gtaatggagt ccaagcatca aggcgtgaaa aatctcaaca tggagaatga 60
ccatcagaaa aaggaggaga aggaagaaaa gccacaagat accatcagaa gggagccagc 120
tgtggccctg atctccgagg ctggcaaaaa ctgtgcgcct agaggaggtc gcaggcggtt 180
ccgggttcgg cagcccatcg ctactatag atgggacctg atgcagaggg ttggggagcc 240
ccaggggaagg atgagagagg agaacgtaca gaggtttggg ggtgatgtga gacagctcat 300
ggagaagctg agggaaaggc agctgagcca cagcctgcgg gcggtttagca ctgacccgcc 360
tcatcatgac caccatgatg agttttgcct catgccctga gtcctgagct tttctctgaa 420
gatgacatgg ggacccctgc cttgtgatgt acaaattttg aggttactcc tttttatgta 480
gatctctccc tgttaccagc ttctaattga aacttgnngt ttttactcgg cctataatta 540
agcaaa 546

<210> 852
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 852
 gaactgaggt gacaggacac cctcaagggc tttgatgaga aggcgtacct gtcagccaag 60
 cagctgaagc ctggagagga cccatacaga caacatgcct tcaaccaact ggagagtgc 120
 aaactgagct cagaccgacc catcagggac acccgccatt acaggtatgg catctgctga 180
 gtggacagga agggaaaact aagaaaagac cagtgttggn cagcttggtt tntttcactc 240
 atatgtgttt attgatttat tacattttatt taccttattc atgtgtctgt gtgtgtgtga 300
 tegtgcacac atgcaaactg tatatatattt acaaataaat atgatgtcct ca 352

<210> 853
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 853
 cgttcctgga agaggaggag gaggaggagg aggagagacc aggattcgaa ctcaggccca 60
 gcttcgatac gctatggaat cactgncagg gccagcttcc cctgtggctg agttcctgtc 120
 tttgatagat ttctgtgaaa tcttcacagc cttctcaatt agcagctggc atctttattg 180
 attgatcaaa aaccaattgg ggacaaggac cttcagcatt tggacaagca gattcccgat 240
 taaatcaaag cattagaacc aattctcaac agtgtaaaaa aaaaaa 286

<210> 854
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 854
 cgttctgacg ccagcactga gattctctta cctgcctttg tagttattca catcaaagat 60
 cttcttttga cggtantaca cgagcttcca gggecnganc agatgccctt ccctgcagag 120
 aggtggaana cagtcagaga ggcggcntgn ggccatcgtg agatggtcac aaacaccaaa 180
 ggaacctact ggagccctgc gtgacatggg taagtctcatg tgcagcagtg tgcagaggca 240
 tgctggacat anaggcatgc tggggctnca tgcncctgcn ctgtcagaac aggtacagtt 300
 aacactgcct tgaggagcaa gngcacgctg ggtttgaga tccactcacc ggattgccac 360
 ttnaacatca tctgagaggg accaagctca ttatcnccca gncaangcct ccctacctnc 420
 cctctctnna naagagcctt ctctctgccc ctgccctncc tgtgttaaact gaaaacact 479

<210> 855
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)

<223> n = A,T,C or G

<400> 855

atcagtcaag	aagaattana	agaataaggt	tgggatccac	tgntnccaca	natgaagacn	60
tgacncccag	cccagaccnn	ganccagacc	ctaccgagan	ntntgncgga	aataatggag	120
acctgtcacc	ctgcaaggtg	gaagaaaacn	cngcccagaa	gaatacagaa	acagcctctg	180
gcacgggga	tgaa					194

<210> 856

<211> 439

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(439)

<223> n = A,T,C or G

<400> 856

aactgagatg	gccgccccat	tgggggtggag	ggcatccagg	tgctgggcac	aggaaacctt	60
atcatctcag	atgtgactgt	ccagcattca	ggtgtctatg	tctgtgcagc	caacaggcct	120
ggcaccgagg	tgagaaggac	ggcccagggt	cggctgggtg	tacaagctcc	agcagagttt	180
gttcancatc	cccagtcctt	ctccaggcct	gctggggacca	cagccatggt	cacctgccaa	240
gngcaggggg	agccaccgcc	taatgtcaca	tgnttgaaga	atggacaagn	gctgggggca	300
ggaggccatg	tnaggctcaa	gaacaataac	agcacacttg	agcattttctg	gagtcggacc	360
tgannatgag	gccatctacc	aatgtgtggc	tganaacatt	gctggctcgn	cncaagccag	420
cgccaggctg	accgtgctg					439

<210> 857

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 857

aactgaggtg	tttggccttg	gttcctgtggc	tcacatgggt	ttaggagaaa	actctggcag	60
ctatctcggc	gtcnacttgg	gttttggatt	cggagtgacc	atgg		104

<210> 858

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 858

gactgagggt	aaacttgatg	attaccagga	acgaatgaat	aaaggggaaa	ggctcaatca	60
agaccagctg	gatgcngtat	ctaagtacca	ggaagtcaca	aataatttgg	agtttgcaaa	120
ggaattacag	aggagtttca	tggnattaag	tcaagatgta	agtaaaaaat	actgtgtaaa	180
aataaaaaat	taagtttagt	gaaactattt	ggagtttagt	tgtacattac	tgttgatgag	240
ttctctgcca	ggtgtggaaa	ttggattaaa	tcattttctta	ttaattttgcc	aaaaaaaaaa	300
a						301

<210> 859

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 859

actgagggct	ggagggacat	ctgaagaggt	ctcatcatgg	cggacagcnc	tctggggaca	60
gctttngnga	tgcctanacn	gagggntggn	tactgnacca	tgaacacant	ggaggatncc	120
tcttttgctt	ctttncgctt	ttctcctgnt	ttaaaacccc	atagtaaagt	actttctttn	180
tctccttctt	tcttttatta	acattcagaa	atacacctgt	nntgngctga	gttatnttgg	240
aggataaatn	atagtttttg	ctttngtgaa	gnnggcattn	ncacctttgc	cctaanaaaa	300
tngagtgtag	aaataaaaaa	a				321

<210> 860

<211> 497

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 860

aactgagcat	tggaaaaagg	tcagcaagga	tgtctcagtg	ggtaaaggca	agcctgatgt	60
tctatcaggt	acctgcctgt	aaggaaagaa	tggacttctg	aaaaatgaaa	caggagagtc	120
agagcctctg	agcaagacct	gggaggtgct	ctggagtgtc	ctgatgaaac	cttacagaaa	180
aaagtgaagt	cggactcacc	tagttcccaa	agagtgggaa	gacctcaatg	acctcttact	240
gccaggggaa	aaaggattgg	aactcattaa	ctctttgtga	accagagaga	aaagaaagga	300
agaaaattgg	aggctggaga	gatggctcag	ctgttaagaa	cactgactgc	tcttccaaag	360
gtctangagt	tcaattccca	gcaaccacac	agtggttcac	tatcatcttt	aatgggatcc	420
gatgcccttt	tctggtgtgt	ctgaagacag	tgtactcata	tgcataaaat	aaataaatat	480
tctacaaac	aaaaaaa					497

<210> 861

<211> 411

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 861

aggaggaaag	cctggaangc	tcccaccaag	cggcggcggt	ncacggntnt	gatggaggga	60
aagnacatgn	tccacatgcc	caaggggacc	acngccccgc	atccgtgang	atnctggagc	120
accancangc	agcctaaggt	ctccatanaa	catencgtag	tttnatcgnc	ttggngnttg	180
attncanagc	agacaccnag	cacagggact	angccttttt	gagttttcag	ccgcttaggg	240
netaccccan	agatggatga	gtgatctgnc	cttgggacag	tnacaatgac	ggnnngcant	300
agcttctgtg	ctagcantat	netagnnntc	ctganngaaa	ctaggaccan	gccccaacca	360
aggccangtg	cccaaccagn	netgactgcc	aaagccaaaa	gccaccaagc	t	411

<210> 862

<211> 436

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

<400> 862

gacgtgaacc	tggaactnac	caactctgct	agactgnngna	gcnnatgncaa	tngctctagc	60
acagatnaac	tnngagggcn	tnanncccac	tgaaataaagc	cagngacaaa	aagaccgnat	120
gttgtgatca	cacttaaata	aggnangtan	actgtctggt	caagcangta	ggggcanacg	180
agcagaacgg	ctagccccgt	angggatgtg	gggagggcag	aatgggcatt	tgttgnttaa	240
tggatgtaaa	ggttcagttt	tgcaaaaagga	aaaggtgagg	cttgatgaca	ttgctctcta	300
gcagaacgct	canctagcat	ttctgagacc	tganntcatg	tncaacagct	catgcacaca	360
cacatgcaca	ggagaaagaa	tggangaan	ctaccctttt	tacttaaaaa	aattgnattt	420
attttttatt	ttatgg					436

<210> 863

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 863

gaactgaggt	gtgatccgct	cactgcatga	gcattgggccc	attggagcat	accttctgca	60
cagagacccg	gccctacaac	cagggagccc	ggctgacggc	cttcgagctg	gtgtacgagc	120
agatccctgc	aactctcacc	actgacagca	tggcggcgcc	tgccatggca	caccgggggtg	180
tgtagccgct	ggtggtggga	gctgaccgtg	ttgttgccaa	tggagacaca	gccaacaaaa	240
taggcacctt	tcagctggcc	attgtcgcca	aacaccacgg	tgcccccttc	tatgtggctg	300
ccccagttc	atcctgtgac	ctccatctgg	agactggaaa	ggagattgtc	atagaggaac	360
gccccagcca	ggagctaact	gacctgaatg	gagtcaggat	tgctgcacag	gaaatccggn	420
tttgggaatc	ctgcctttga	tgtagccccc	cacgaactca	tnacaggngg	natnatcact	480
gaactgggtg	nntttgcccc	tgangagctc	cgaggagccc	taag		524

<210> 864

<211> 107

<212> DNA

<213> Mus musculus

<400> 864

tgagactgag	gggagggcaca	cgggtccaagt	cctttttactt	tctgaggatg	ggcagatcct	60
ggcagaagca	gatggactga	gcacaaacca	ctgggtataaa	aaaaaaa		107

<210> 865

<211> 454

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 865

ggtgtcaaca	tctccagggg	gcccgaancc	ccatctcccc	cgccgccagt	gtcttcgttt	60
tgtatgccac	atcctgtgcc	aataacttcg	cantgaaagg	aaagcgcaag	actctcaatg	120
ccagtgcagt	gctgtcagcc	atggaagaga	tggaaattcca	gcgattcata	acaccattga	180
aagaagctct	agaagcgtac	aggcgggagc	agaaaggcaa	gaaggaggct	tcggagcaaa	240
agaagaagga	caaagacaaa	aaggattccg	aagagcaaga	caaaagcaga	gaggaggagg	300
aggaggatga	agagagactg	gacgaggagc	accagaacga	agaggaggaa	atagacaact	360
gaatggagag	agtaggcana	ctgtggcggtg	gtggaggggg	ccctgagatc	ctgagacatg	420
tctgtgtgaa	ggctttccct	gcaaggcaga	gcca			454

<210> 866

<211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 866							
ccctgttccc	caggcagagt	acanaactna	gcnttgctgg	tgaaggtecn	actggaggac		60
acccaagttc	ancatgatct	tgacagacct	gtgactgacc	tgaccctccc	tncagtcctg		120
tgccactgac	acatatgctt	gatgccttct	gctttgtcct	agtacccaag	acggtgagtg		180
aagcaggggt	caaaagttca	gttctcagct	gcatagttag	tttgaggcca	gcctgggtta		240
aatgatacac	tgctttaaca	caatgaaata	aaggacagga	gagattgggt	tggaa		295

<210> 867
 <211> 361
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 867							
gactgaggtt	tatcatggct	tccagcccac	cgtgttgatg	cggctggtag	cttcagcata		60
ttctatcgct	caaatggtag	tatnnttaag	ngaagaantg	aaagagggtt	agttccaant		120
gactgtccag	gtcattctgt	gcacgtcanc	attnctgccg	ataaaccaga	nttcttcagg		180
gcacagagnc	ttaagttact	ccagantttc	agtnngnatg	ntttttcaca	gtanttttta		240
aaatntntga	tnccaaataa	gaangcatat	agntgatatt	attnatgtcn	gatttatggg		300
ggaaagttnc	tctaaaanca	tagtcctatc	tttncatatt	atatatcaga	tttttttcaa		360
a							361

<210> 868
 <211> 504
 <212> DNA
 <213> Mus musculus

<400> 868							
gccgaggacc	agcagccaag	cactaggact	ggacatecca	gcaatgacca	gctctcctgt		60
ctccagagtt	gtctacaacg	gcaagaggaa	tagcagtccc	cgctctccca	ccaacagcag		120
tgagattttc	acaccggcac	acgaagagaa	tgtgcgcttc	atttatgaag	cctggcaggg		180
tgttgagcga	gacctgcgca	gccagctgtc	cagtgggtgag	cgggtgcctag	tggaggagta		240
tgtggagaaa	gtccccaacc	ccagcctgaa	gaccttcaag	cccctcgacc	tgagtgcact		300
gaagccgccc	gaacacgcag	gatgccaaaga	agtcctagag	ctcctggcgc	cctcccctgg		360
cctccagaag	ctcaggtgca	cttgatgggtg	gtttcctgtg	ttcctgtggc	gctgctcctg		420
gggggaagag	tgtgctctag	caggccggga	tcccagagcc	agcaggattg	atgaccaggg		480
cccttccttt	cctctccagg	gtct					504

<210> 869
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 869							
actgaggtgg	ggtctttcac	gatgaccgga	gagtgacgac	gacgacgagg	aggaggacat		60

ggtctcggag	gaggacgagg	aggaggagga	ggatggctga	cgccgaggag	acccaggatt	120
ccgaggacga	ggaggaagat	gacatggaag	aagacgacga	tgactccgat	tatccggagg	180
agatggaaga	cgacgacgac	gacgctagtt	actgcacgga	aagcagcttc	aggagccata	240
gtacatacag	cagcactcca	ggtaaccacc	caggccgccc	ggagactcct	tccccacctc	300
ctccctcccc	ctggcttgct	ccctctccag	tgcagtgcct	cctgcttcc	anctcccccc	360
cccttccccg	gcctgtcccc	cacgcggagg	ccacggcgcg	tttag		405

<210> 870
 <211> 556
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 870						
gactgaggtg	accataggac	ngnggcttac	cggcacntac	cacctgatat	canaggtntg	60
ccctctgatg	atttccnaa	gccacctgag	gnntgnga	cataaatcct	antgncacng	120
aaggaccatt	atggaccata	ggacctgaa	taggtgtttg	netatncaga	gaacnctann	180
ctectattaa	cnggtatatt	ntnttcganc	ngnagacct	ntnctgtc	gggtgccccg	240
tnganagcag	agtaaaccgn	tggataatag	agtagatcg	acantgaag	aagacntgag	300
nagagttag	ggtccctgag	cttgccccga	atannganc	aagagnggga	ggacataagn	360
gctcgagaac	taagaggant	ttcagttcgc	cttggnntag	agaatcttcc	agccgagggc	420
tcctcagatc	tcagatgcc	actggcta	gtcgccagta	aaccattga	gccagagaag	480
ttgcattgga	aaggtgacgc	atcgagtcag	tccttgggat	gcttgggncc	tgggtgact	540
tctctgaagg	cgaacg					556

<210> 871
 <211> 461
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 871						
ggttgacagc	aatgatggtg	agttcctgtt	aatagaagcg	gccgactttc	tccttaagtg	60
gttggaccct	gataacagng	ccaacagggt	gttttttcat	catggggagc	tgtgcattat	120
tcctgtgccg	aggaaatctg	aaaggatacc	atgggtaccc	atgacaccac	caacaatcca	180
gcaagctttg	agtataatct	cggcacaccc	agaagctgtt	ttggttnnn	aatctataca	240
agctgctgtg	gacagggcgc	tcagtgggta	cccagaaagg	gtcgaagcat	ccctccatcg	300
agcacactgc	ttccttccag	ccggcattgt	ggcgggtgct	aagcancagc	ccaggctgct	360
gtcggcagcc	gtccanggcc	ttctacctac	gggaccccat	ttgacctag	agcctgtcgt	420
gtnttcaaga	cattttttgcc	tgaaacacga	aataatggcc	t		461

<210> 872
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 872						
tgaggtctgt	ttctgcaggc	atctncgtgg	ctccatgant	cttccctttg	atgacagaga	60
cctggncctgt	gagtgggaga	gngaagacct	gcccctgacc	attcagcttc	cattccgnet	120
tatcctgcnt	gtnggggnacc	tgccttttga	tgaatactgg	atccccctgt	gcangaactc	180

ttggctaattg	acatgcatgg	attgattttac	cttacatagc	gctattgagc	tcaaattgtg	240
ataatgctgc	cattgagaga	aactcaccca	cgaactgctt	ataaaaaaa		289

<210> 873
 <211> 465
 <212> DNA
 <213> Mus musculus

<400> 873						
gactgaggaa	tttaactaag	atgatggcaa	cttgtactcc	aagaaagagg	aagcgatata	60
cactgaatgc	tgataatgat	gatagcctat	taacagatat	ttcatcaagc	aaattaagat	120
gtgctgaaaa	tctattttcca	tcacctaata	agaaacataa	ttatcaaagc	agtgttcaaa	180
aggaagacaa	gtcttgctcc	caccaactcc	atttcccttc	aagtccactc	aaaacaactg	240
aaaatagtag	gttttccattt	gcaaaccaca	gctcattatt	taaaccagct	atgtctactg	300
tatcttttcta	cagtaaagag	aaatactacc	tcaatccact	cgagaggaag	ttgataagag	360
agtgtagatc	tatttgtcta	gcaactgaaa	gtggagataa	acctattccc	agtgtgacag	420
aaaatattca	gagaaaacca	gtctgtacca	agaagaataa	aaaaa		465

<210> 874
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 874						
gactgagttt	ttagttgcat	ttttaaagaa	ggaaggetca	tggtgcaa	tgttatttcc	60
agtacggggg	ctgaaggcct	ggcagaatgg	gtgctgatgg	anctacaggg	ngagatcgag	120
gctcgctaca	gcaccgnatt	agctggaaac	ctcctggggag	acctacatta	caccactgag	180
ggangagatg	tnatchacnn	taccnagcc	tnaatcctgc	ttntcennat	ngnagnnttn	240
ngctcattcg	ntntnccacg	cccactgntg	gaacntgagg	agccacacac	ngncaccttt	300
ctactggacc	agagattatt	nggengggaa	ntnggctccc	ctccnncttg	cttcatnact	360
ggtgtcgcaa	caataaaatt	agaacc				386

<210> 875
 <211> 533
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 875						
tctcctggtc	tgtgttctga	ttcttctttg	gaggagagtt	taaggatcac	agttggcaat	60
gaccacttct	gtgttagcac	accagagcgg	cggcggntca	gtgaccggct	gggatctcca	120
gtggatggtc	tgcaggacat	ggacagggat	gacctgactg	atgattctgt	cttcactcga	180
agctcccagt	gttctcgggg	gtcttgaacg	atacatttct	cgggaggagg	gaccacttag	240
tccctttctt	gggacaactt	ggatgaggac	taccgaacaa	ggagaaactt	ttctgcatcg	300
acctggagtt	tagtccccag	agcagttgtc	atgatgaatt	ngttgaggga	aacagagcgg	360
tatnagaaac	aaacttaaaa	gctcctccta	ttccatacga	tctgaggaaa	gaggccggga	420
ggccaaaaag	gcccccgttt	ttgatgaacn	agagaagggt	acnccagctc	aaggaggggg	480
gatacattca	angtttttnac	atcnngggac	tcgaaaacct	atcgggggagg	cgg	533

<210> 876
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 876							
gaactgagat	ggcctcacgg	tacatgatec	agctcacttc	tgtgttcaag	gatgtctgtc		60
taacgccaga	agagatgaat	ctcgtggtgg	ccaaagtgtt	gacgatgttc	tcaaagttga		120
atcttcaaga	aattccacct	ttggtctatc	agcttctggt	tctctcttcc	aagggacgca		180
naaggagtgt	tcttggacgn	atncatagcc	ttcttcaggg	agctggataa	gcagcacaga		240
tacatttttt	ccacataaga	atgcactttg	gcttatacaa	taaaacttta	aacattaaaa		300
aaaaaa							306

<210> 877
 <211> 541
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 877							
cggagcacca	taacatggng	tgggaagtga	agacaaatca	nnatgcctaa	tgcagtnacg		60
aaactcctgc	tggatgatga	caagagagca	ccagggatga	gngactcgct	ggagttgctg		120
cagtgtaatg	agaatttgcc	atcctctcca	ggatacaact	cctgtgatga	gcacatggag		180
cttgatgacc	ttcctgaact	tcaggctggt	caaagngacc	ctacccaatc	tgncatatac		240
cagctaagtt	cagatgtatc	tcacaaagaa	tatccaagat	catcttggag	ccagaatacc		300
tnagatatac	cggaaaatac	tcaccgtgaa	natgaggngg	actgggctaac	agagttangc		360
aaatattgcc	actagtnac	aaagtccctc	gatgcantgc	tcattttata	acaggtagga		420
gcatggatta	tgttttgcnt	tntcanactt	gcattttata	ggggccagca	atnatactan		480
tgtaagctnc	anntgggtta	angaancctt	gcccaccaag	cnctgaaggg	cgcaaacctt		540
g							541

<210> 878
 <211> 340
 <212> DNA
 <213> Mus musculus

<400> 878							
cacaacacag	tcggattctt	ctcaacagcc	tttattgcag	gatcgccctg	atgcttctac		60
ggggacccca	ggcgcccagg	gagccctgct	tatatgtacc	ccagcacagg	agaaggctcc		120
gtggccccct	ggggtttggtc	agtctgccag	cacccaattt	gcatgcaccc	gcttgggagg		180
ggttgggccc	aaattcgaat	tgacgcctgc	gcagtgggtg	tgtttatgac	aacggcaacc		240
ggaaaccggc	gccatcttgg	agttggcttc	ccacagagag	gagagggaga	ggagagggag		300
aggagaggaa	gaggaagagg	aagaggaaga	ggaagaggat				340

<210> 879
 <211> 537
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

<400> 879							
gaactgagag	atgaagcaga	tgaatcttgt	cactgggaaa	cagngcctaa	taaagagggc		60
tcctttctcc	atcagtgcct	tcagttacat	ctgtgagaat	gaggccatcc	ccatgccaac		120
ccactgggan	aacgtgaacc	ctgacgttcc	ctaccanctg	gtttccctgc	agaaccagac		180
gcacgagtat	aatgaagtgg	ccagtctttt	tgggaaaaca	atggatcgga	accganttaa		240

aaggattcaa	aggatccaaa	acttanactt	atgggagttc	ttttgcagga	aaaaggctca	300
gctcaagaaa	aagagaggtg	tccccagat	caatgagcag	atgctatttc	atggcaccag	360
cagtgaattt	gtggaagcaa	tttgcattca	caactttgac	tggagaatca	atggtgtgca	420
cggngctgtc	tttggaaaag	gaacctattt	cgctagagat	gctgcgtact	ccagtcgttt	480
ctgcaaagat	gacatcaagc	acgggaacac	attccagatt	catgggggtca	gcttgaa	537

<210> 880
 <211> 481
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 880						
ctgaggactg	gattcagcat	caaaatacct	ccccacatt	gagagctgtc	ggcagttaag	60
gcaacaatac	cctgattgga	atcctgagat	cctcccatcc	agaagaaatg	agagcaatag	120
gaaagaaaat	gaaactccaa	gaagacgttc	tcattcccc	agccccagac	attctaggag	180
atcaagctca	ggtcacagaa	tccgtcgttc	tcgaagtcca	gtccgttata	tctatagacc	240
aaggagtcga	agtccaagaa	tttgccaccg	tttcattttc	aaatatagat	ccagatccag	300
gtccagatcc	aggteccgtt	ctccatatac	tagtcggaat	ctccttagaa	gaagtccgaa	360
gtcctatcgg	tcagctagcc	cagagaggac	atcaagaaaa	tcagtgagat	caggtacacc	420
gatnntccta	atgccatcat	tttttttgag	ttttggaaat	gagatattgg	attttaatta	480
a						481

<210> 881
 <211> 429
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 881						
gaactgagga	agcatcatga	cgaagaggca	ttggaaacgc	tgacagtatc	ccccatctgg	60
gttccgcacc	catggggcag	acacatgctc	atcaccagca	agatcagctt	cttcattttg	120
acaacattgc	actagctgct	cgggaaccca	cactggctct	gcgattctgt	ggaaacatgc	180
aaacagaccc	tctcgcccag	accaaacacg	gatctggacc	attccatgat	cctgtaagca	240
catecttcca	tttagcatac	cccagattac	tggggctggt	attagcatgt	cgttcagcag	300
cagagcgncc	ttccttttcc	aattgcaaaa	aatttaaggt	aaaaagagct	aaggagagtc	360
ttatcttttg	ggtatggcca	tagcctatcc	cccccttttg	ttttattaat	aattctttta	420
aggttctaa						429

<210> 882
 <211> 537
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

<400> 882						
gaactgagca	ggctcctctn	cncatgctcc	tccaaggaat	ggtaagggtg	cccttgaccc	60
acacacatat	ctatcaagaa	ctcaagagca	cagacntgaa	gtaccnggaa	ccgtgtgcgc	120
agccgcatac	gcnacctgan	ggaccccang	ancccatgcc	tgaggcggan	tgtgctcagt	180
ggggccattt	ccccatagct	cattgccang	atgacagcgg	angaaatggn	cagtgatgag	240
ctgnngggagc	tgaggaaacgc	catgactcag	gaggccatcc	gtnagcacca	ntatggcgaa	300

gacaggcggc	accaccactg	acctcttgcg	gtgtatcaag	tgcaagaaga	agaattgtac	360
ctataaccag	gtgcanacac	gcagtgccga	tgagcccatg	accacttttg	tcttatgcaa	420
tgaatgnggg	aatcgctgga	agttctgctg	acggaaccac	ccaccaggat	ggcagaggat	480
aaggtgaaga	agaccagca	ggaagcacag	accacgtgac	ccagagcaaa	aaaaaaa	537

<210> 883
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 883						
ggacccacca	ggtttcagct	gctcccacca	gctctgcagg	ggatggatgc	aaggcaaacc	60
tgtcttttaa	ggagattgag	aagaagcttg	aagaggaagg	ngaacagnnc	gtgaagaaaa	120
tcacggcggc	atTTTTgcct	tgaaagtga	agatggccct	ggaggcaaag	aagctacctg	180
gntggtngat	gtaaacaatg	gcaaaggatc	tgtgcttccc			220

<210> 884
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 884						
gaactgaggg	cttcttggtg	atgcccaggg	taaggcacta	ggaccagcct	cagagcagtc	60
agagaatgag	aagaagccca	agagnagnagn	gaagaagaaa	aggtggaatc	ntcccaaaat	120
gtctcttgcc	canaacnttt	nacggggttg	cctcaanaga	aggcaagctt	cctcagnagc	180
tcacgganag	gtcctgctng	aaacctnncc	gcngntttct	atgnannaat	ttntttcata	240
cntttttttt	gggggggggg	gccc				264

<210> 885
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 885						
cagaaagaaa	gcttttagta	aaacancctt	tttaatagcc	tggccacgca	agaaggtgaa	60
tggttnggct	cttaagagga	anaagttcaa	aaaataaatt	gtcttgtaat	gtaaaaaaa	120
aaa						123

<210> 886
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 886
gaactgagga acttaagaag tatggagtta ccacantagt acgagtatgt gaagcaactt 60
acgacactac tcttgtggag aaagaaggca ttcattgttct tgactggcct tttgatgatg 120
gtgcaccacc atccaaccag attgtcgatg actggctaag tcttgtgaag attaagtttc 180
gtgaagaacc tgggttgctgt attgctgtcc attgtgtcgc aggccttggc agagctccgg 240
tgcttggttc cctagcatta attgaagggtg gaatgaaata tgaagatgca gtacaattca 300
taagacaaaa gcggtcgtgga gcttttaaca gcaagcaact tttgtatctg gagaagtacc 360
gtccgaaaat gcggtccgc ttcaaggatt ccaatgggtca tagaaacaac tgttgtattc 420
aataaaactg ggggtgcctga 440

<210> 887
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 887
catggaaaag tgccggcttc cageccctttg cggcttttgc agtggatgac cgtgtggaga 60
tgctaagcgg tggacagcgg cagaacacta ggaaacagaa ggcttgggac aaagttaata 120
gcgcctgttc acaaagtcca caaaggaccc gttttcactg tgccctacaa ttgggtcatg 180
tagggctggc caggtggctc agcgtttaag aacacagttg ctcttccaga aggcctgctt 240
ctattcttcc tagcaccac atgggtgctc acaaccacta gggtcactct gcttccaagg 300
gtttgatgtt ctcttntggg gctntgagga ctgagcaaag aggnnggtgcc tggttataca 360
tacaggcaaa acattcataa aataatcag 389

<210> 888
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 888
aagaaaactt caaactccac agtcggagga gactgacttg cattatgcgg acattcatgt 60
gctcaggcaa attcggccac actctctcca cacagtgaag tgcctgcatt cagaatctgc 120
tacagagtac ncnnccttc nnttccccca ggccacacct cantatgaca gcaacaacgg 180
aacctctggtg tgagccctcg ggaagacgtt ccgattttct cgattttacc atcctgtggg 240
aataacctac tgttctcgag aacaaggaca atggccatgt ttaaatctta aaggacacca 300
gagcatctgg aattatgggt ctccctactc tttccactat gaatcttttg gtttgccact 360
g 361

<210> 889
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 889
aatacatttc aactgtatga aattggttta ttgttcatca naaatgttat ttgccttcac 60
aaagtctggt ttcaatgaac cagctatgta atgggatatt aaataaacat ggaattttac 120
atgttcaaaa aaaaaaa 137

<210> 890
<211> 174
<212> DNA
<213> Mus musculus

<400> 890
gaactgaggt atagctccat gaataactta aacgaccccc caaattggaa tatcaggccc 60
aatgccaggg ctgatggggg tgatggaagc aagtggaatt atgccctatt ggtgccaatg 120
ctcgattgg cagcatttcg ttggatttgg tctagggaat cccaaaaaaa aaaa 174

<210> 891
<211> 188
<212> DNA
<213> Mus musculus

<400> 891
tccttctgtg tgctgcagtc ttgtggcggt ctgcaggccc cctgccagtg accccaggct 60
ttttatggct gtgagactca ttaaaagctc aggggtgaga cgtgacctt ggaggtgact 120
ataactgaag attgaattac agaagccaaa aaattaaata aataaaagg aaaattataa 180
aaaaaaaa 188